

The
CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3334
VOL. CXXI

JANUARY 1, 1944

Annual Subscription (with
Diary) 25/-, Single Copies 9d.

AFTER INFLUENZA

Bynirin
TRADE MARK

AMARA

**ENSURES
SPEEDY RECOVERY**



ALLEN & HANBURYS LTD · LONDON · E2

TELEPHONE: BISHOPSGATE 3201 (12 LINES). TELEGRAMS: GREENBURYS, BETH, LONDON

Parke, Davis & Co.

ask for the indulgence
of pharmacists towards
the firm's endeavours
to secure, on the . . .
basis of their customers'
1939 orders, a fair . . .
distribution of . . .
their own officially
restricted stocks . . .



50 BEAK STREET, LONDON, W.1

Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

Elasto

REGISTERED

The Wonder Tablet

Read What Users of 'Elasto' Say:—

(Original letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

"As a sufferer of varicose veins, I must state that before using 'Elasto' I was tortured with tired and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the feeling of tiredness and aching has vanished. To all sufferers of varicose veins I certainly recommend 'Elasto'—they are a boon.

AP 1180.

— R. P.

Rheumatism

"I may say that I have found 'Elasto' a wonderful help. For years I suffered with rheumatism in feet and legs, and at times found it difficult to keep about. 'Elasto,' however, afforded me im-

mediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since.

AT 1108.

— F. T.

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263.

— E. H.

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You!



A SOUND LINE
A GENEROUS PROFIT

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

PATA

The NEW ERA TREATMENT CO., LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

Quality — without question



Beecham's Pills, Beecham's Powders and Beecham's Lung Syrup are accepted without question by millions of families—a fine tribute to the high level of excellence attained by these products—the Beecham Standard of Quality. For over a century the Honoured name of Beecham has been associated in the public mind with relief from everyday ills and ailments and the happiness of a quick return to health and wellbeing. Today, owing to the scarcity of supplies, it is very necessary to order Beecham Products well ahead of requirements.

Beecham's Pills
Beecham's Powders
Beecham's Lung Syrup

BEECHAMS PILLS LTD., ST. HELENS, LANCs.



CROOKES' HALIBUT OIL

BIG NATIONAL ADVERTISING SCHEME NOW APPEARING

— ORDER STOCK NOW!

RATIONING AND VITAMIN A

It can be anticipated that the demand for Crookes' Halibut Liver Oil this year will be greater than ever before.

Vitamins A and D are established as essentials to wartime dietary and extensive reminders of their value will be stressed in all advertisements in the National Press.

Owing to packing and other wartime difficulties, it is advisable to order your winter stocks as soon as possible. Our schedule of bonus parcels, as seen from the list, has not been altered.

TERMS OF SUPPLY

- 1 Bonus in kind will be allowed only when one or more standard parcels G, H, J, K, L, M are ordered.
- 2 The order must be accompanied by cash. No pro-forma invoices can be issued.
- 3 Orders for broken parcels or unaccompanied by cash will not be entitled to bonus in kind.
- 4 Bonus in kind cannot be allowed on any other Halibut Oil Products.
- 5 We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.



CROOKES' HALIBUT LIVER OIL Standard Parcels of Drops or Capsules only

PARCEL	QTY	Net Price	Bonus	Sell	£ s. d.
PARCEL G = 1 DOZEN 12 x 15 c.c. 5/- Drops Less 25%	1	5/-			3 0 0 15 0 2 5 0 4 6 *£2 0 6
.. 100%					
*Amount of cash with order					
PARCEL H = 3 DOZEN 36 x 5 c.c. 2/- Drops Less 25%	3	2/-			3 12 0 18 0 2 14 0 5 5 *£2 3 7
.. 100%					
*Amount of cash with order					
PARCEL J = 1 DOZEN 12 x 30 c.c. 9/- Drops Less 25%	1	9/-			5 8 0 1 7 0 4 1 0 8 1 *£3 12 11
.. 100%					
*Amount of cash with order					
PARCEL K = 6 DOZEN 72 x 5 c.c. 2/- Drops Less 25%	12	2/-			7 4 0 1 16 0 5 8 0 10 10 *£4 17 2
.. 100%					
*Amount of cash with order					
PARCEL L = 1 DOZEN 12 x 100 Capsules Less 25%	1	8/6			5 2 0 1 5 6 3 16 6 7 8 *£3 8 10
.. 100%					
*Amount of cash with order					
PARCEL M = 3 DOZEN 36 x 100 Capsules Less 25%	3	8/6			15 6 0 3 16 6 11 9 6 1 3 0 *£10 6 6
.. 100%					
*Amount of cash with order					

THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone : Willesden 6313 (5 lines) Telegrams : Collosols, Harles, London

TEMPORARY SUSPENSION

1/11-SIZE CONDITION POWDER TABLETS AND 1/6-SIZE 'TIBS'

We regret that shortage of packing materials has necessitated the withdrawal of the above sizes for the time being. As soon as the supply position is easier, production of both these sizes will be resumed, and the trade will be notified immediately. Meanwhile both Condition Powder Tablets and "Tibs" are available in the 7d. size.



BOB MARTIN LTD., SOUTHPORT. LANCs.

PATA

ESTABLISHED 1878
FOR
LABELS
CARTONS
ENVELOPES
AND EVERY DESCRIPTION
of
MEDICAL PRINTING

Write to
ALF. HARRISON & SONS, LTD.
THE CHEMISTS' PRINTERS
BURLEY ROAD
LEEDS, 4

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An Advance in Calcium Therapy



The need for an adequate intake of calcium and phosphorus is becoming even more widely recognized. 'Calfos' supplies these essential minerals in a concentrated, palatable and physiologically balanced form. It is especially indicated during childhood and pregnancy and for the prevention of chilblains and the many other manifestations of calcium deficiency.

TRADE AND RETAIL PRICES

	Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including Pur. Tax
Box of 50 Tablets	2/6	20/-	3/4	2/9½
Box of 120 Tablets	4/9	38/-	6/4	5/3½

Special terms are available for hospital packs.

CALFOS LTD.

IMPERIAL HOUSE
 KINGSWAY, LONDON, W.C. 2
 Temple Bar 3629

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Disinfectants

to Hospitals, Public Institutions, Local Councils, &
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers
the **PRINCE REGENT TAR COMPANY, LTD**

give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

Lysol B.P. Quality.

Pink Disinfecting Powders.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walk Co-efficients 2 to 20.

Liquid Carbolic and Cresylic Acid, Pale, 99/100

Formaldehyde (Formalin) 40% Solution.

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name.
Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.
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PRINCE REGENT TAR COMPANY, LTD
(Managers: BURT, BOULTON & HAYWOOD, LTD.)

BRETENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.
Phone: Temple Bar 5801 (5 lines) Telegrams: "Burboul, Rand, London"



The Name the
public associates
with Quality
after 32 years of
trial



UNITED CHEMISTS ASSOCIATION LIMITED
UCAL WORKS, CHELTENHAM

The 'Clinbritic' Vaccine Bottle

Patent No. 492200

MADE IN WOOD'S ALKALI FREE AMBER OR WHITE GLASS

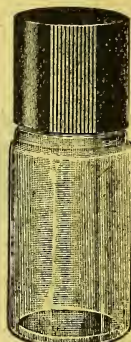


Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.

No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.

The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap. No manipulation whatever is required after sterilization.



Completed

Samples. Prices and Full Details on Request

Britton, Malcolm & Waymark, Ltd.
38 Southwark Bridge Road, London, S.E.1

RELIEF
to the Asthmatic
GOODWILL
to the Chemist

30 TABLETS

3/4½

TRIAL SIZE

7 FULL DOSES

1/1½

PRICES INCLUDE PURCHASE TAX



INTERNATIONAL LABORATORIES Ltd., Charlbury, Oxfo

"BOTTLES" IN WARTIME

THE "boom" has gone and with it the non-descript purveyors of bottles. AYRTONS have supplied the chemist with bottles of every type, not only during wars but between wars.

34 HANOVER STREET, LIVERPOOL, 1

AYRTON SAUNDERS & CO. LTD.



**A-D
CAPSULES
N.W.F**

CAPSULA LIQUORIS VITAMINORUM A et D
CONCENTRATI
(CAPS. LIQ. VITAMIN A et D CONC.)
NATIONAL WAR FORMULARY, AMENDMENT
No. 2 (JANUARY 1943)

Each capsule is equivalent in Vitamin
content to 4,500 units of Vitamin A
and 450 units of Vitamin D in 3 minims
of an oily medium.

DOSE: 1-2 Capsules a day, or as other-
wise prescribed.

Price on application



ORGANON LABORATORIES LTD.
BRETTENHAM HOUSE, LONDON, W.C.2.

Telephone: Temple Bar 6785
Telegrams: Menformon, Rand, London

A real Analgesic Alkaliser

This is the formula of Neodex Seltzer:—

Lithii Benzoas ..	3
Acidum Acetyl Salicylicum ..	10
Acidum Citricum ..	34
Sodi Bicarbonas ..	to 100

Every pharmacist will appreciate how confidently he can recommend it for Headaches, Digestive Troubles and many types of Rheumatic and Neuralgic Pains.

There is no product on the market with the same combination of properties. It is not a laxative.

NEODEX SELTZER



INTERNATIONAL LABORATORIES
LTD.
Charlbury, Oxford

P.A.T.A.

*For the best
in*

**MODERN
PHARMACY**

THORNTON & ROSS
Manufacturing Chemists
LINTHWAITE • HUDDERSFIELD

CURIOSITIES OF ANCIENT PHARMACY

No. 30

With Rhyme or Reason?

A pharmacist of the sixteenth century advertised his services in verse:—

"In my shop of drugs are stored
Many things of sweet accord.
Spices with sugar I combine,
Enemas and purges I divine.

* * *

All these with utmost care
On prescriptions I prepare."

T.R. 122

SAMONA

**75% OF YOUR
CUSTOMERS
NEED**

SAMONA

The well known Restorative

This wonderful Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED and LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION.



SAMONA LTD., Northington
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LONDON, W.C.1

PRICES (including purchase tax)

3/5 and 5/7½

(more than double quantity)

ESTABLISHED 1793

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

The Best and Safest Infants' Medicine of
150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD.
13 WESLEY ST., C. on M., MANCHESTER

SD2

*The Symbol of
PERFECT Skin Health*

A revolutionary product for the treatment of skin illnesses with unusual penetrative power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

BIO-COLLOIDS, LTD., ALTRINCHAM, CHES.

PATA



BC20

The trained mind of the pharmacist puts him in a unique position to view the public in cross-section. It is interesting to him to study the various types who come to him for their needs and for his advice.

Customers vary . . .



There's **THE WOMAN WHO DOES WITHOUT** — worries herself to a shadow about food for her family but doesn't eat enough herself. *She* could do with a cup of the Benger's she gives her husband and the children every night. It would rest her, build up her strength and fortify her digestion against the danger of serious illness. *She* can't afford to be ill. Yet, note, she can afford to buy Benger's for the family and does — the No. 2 size tin for economy . . .

**... but you can invariably
sell them** —————



**90% of your customers need Benger's
and are being educated to ask for it.**

*The Newspaper
everybody reads*

**NORTHERN
IN IRELAND**

*Sold in every City, Town,
Village and Hamlet through-
out this territory, enjoying
the esteem and confidence of
its thousands of readers, is*

Belfast Telegraph

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LONDON OFFICE: 112 FLEET STREET, E.C.4

**THE
CHEMISTS
SEIDLITZ**



and

P.A.T.A.

G.O. Lemon Flavoured Sweetened
Seidlitz Powders

War Retail Price 4d., 5d. & 6d.
(including tax)
ord. ex.s and D.S.

Through Your C.F. wholesaler or direct from

MILNER & COKE LTD.
11 John Penn St., London, S.E.13

The 7^D
PRUNOL
sells on sight
KEEP IT TO THE FRONT

Prunol continues to increase in public favour. It is in constant demand for children and adults. Supplies are still available for prompt delivery from all wholesale houses.

Prunol sells at 7d. & 1/5
(including tax)

PRUNOL PROPRIETARIES LTD.

Sales Dept.

Northington House
NORTHINGTON ST., LONDON,
W.C.1



Prunol
PASTILLES
THE IDEAL FRUIT LAXATIVE

• • **MANOIDS** • •
• • **NEVROIDS** • •
URICURE TABLETS
OCCASIONAL PILLS

THE ACTON PILL & TABLET Co. Ltd.
ASH VALE, SURREY.
and all Sundries Houses.

TO BUYERS OF:

HOMOCEA

2 doz. 1/6 size. 27/- per parcel

Prices include all Purchase Taxes and Postage or carriage and buyers may have up to two dozen for each shop and may re-order every month whilst this special offer remains open.

Remittances must be sent with each order and cheques should be crossed National Provincial Bank, Ltd.

NUMOL LTD., 46 Elswick Rd., Newcastle-on-Tyne 4



MANUFACTURERS OF
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 AND
PILLS
 For the
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 Trade

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 Derby

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The VITAMIN
 MALT FOOD

With Guaranteed Complement of Vitamins A, B, C & D
 Sole Manufacturers: JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N.19

NALDEK OINTMENT FOR PILES

ANTISEPTIC : EMOLLIENT : ASTRINGENT
 An efficient remedy for the speedy relief of Piles.
 (Formerly known as Dr. Van Vleck's Pile Plasma.)
 Stocks now available to the Trade, and all orders
 will be executed by return.

NALDEK OINTMENT is packed in one size only.
 Retail Price, including tax : 4/-.

TERMS: NALDEK OINTMENT 32/- per dozen.
 Purchase Tax 5/4d.

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 started December 1st.

If you wish to have your name included in our
 local advertising as a stockist write to:—

DR. VAN VLECK COMPANY LTD.,
 3 Fleet Lane, London, E.C.4.

Write for
 our
 special
 terms.



A STEADY INCOME

—is assured if you stock
 E.N.T. Powders and
 Capsules. Good stock,
 good formula and good
 prompt
 bring in.

P.A.T.A.

E.N.T. MANFG. Co. Ltd.
 431 Gloucester Rd., Bristol 7

WHOOPIING COUGH ELIXIR

Specifically formulated to relieve this distressing
 complaint. Retail, 1/5 including tax;

Wholesale, 10/- doz. + 16 2/3%.

BONUS 13 to doz. on gross orders.

C.F. Sample and list of other Specialities on request
HOUGH ROSEASON & CO., LTD.
 Pendleton, Manchester

Makers of **COMPRESSED TABLETS**
 for the Manufacturing and Wholesale Trade only

The DALES ASPIRIN COMPANY

PROPRIETOR
 (H. A. TOLKIEN)

Output of Saccharin

and Aspirin Tablets sold for some months ahead

SILSDEN, Nr. KEIGHLEY, Yorks.

An Apology and a Promise

MERCOLIZED WAX

We must apologise to all our retail friends for the long delay in the supply of Mercolized Wax, but we are glad to announce that we expect to have supplies available very shortly. We shall treat all orders fairly and in rotation.

CLYNOL BERRIES FOR OBESITY

We have still sufficient stocks of Clynol Berries to last with care for some time to come without any formal rationing of orders.

Prices: WHOLESALE, 32/- per dozen, plus 5/4 tax; RETAIL, 4/5½d. (Both on the P.A.T.A. List.)

It would not be wise to delay in placing your order.

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Hellidon House, Hellidon, nr. Daventry, NORTHANTS

FLORAL COMPOUNDS AND BASES

Specially prepared for manufacturers of Cosmetics in most floral odours by perfumery experts.

The latest creation—

PENHALIGON 7

Supplied only to registered manufacturers and unregistered persons covered by the Toilet Preparations (No. 3) Order.

An ultra modern product in step with the present vogue.

Send for price list (Id.) and samples—

PENHALIGON'S LTD.

Manufacturing Perfumers

25 Bury Street, St. James's, S.W.1

By Royal Appointment.

Established 1873.

PREMO

PERFUME ESSENCES

are highly concentrated with the true scent of the natural flower, making them the purest, best and most economical on the market. PRICE LIST ON REQUEST.

EMPTY BOTTLES and JARS

Also in stock—GUM TRAGACANTH, GUM KARAYA, CASTOR OIL, SULPHONATED CASTOR OIL.

PREMO & SILKS (Dept. C.D.)

330 Kilburn High Road, LONDON, N.W.6

Telephone: Maida Vale 3234

NEW ADVERTISED LINE

Shows over 80% profit on first order.

Liquid dentifrice free of abrasive, soap or saponin. Selling rapidly.

Cost per doz.	Pur.	Tax	Selling price, incl. tax
No. 0 size 20/-	6/5	36/-	(3/- each)
No. 1 size 36/-	11/7	66/-	(5/6 each)
No. 2 size 69/-	22/2	126/-	(10/6 each)

£1's worth free with every £6 order net value (except for purchase tax); pro rata on orders of £12 or £18.

Steiner's Eau Dentifrice

Enquiries to DOBSON & STEINER,

8, Grosvenor St., London, W.1. Mayfair 5245.



YES! we are sorry the Pepsodent 'Cleaners' have not been in evidence as we would have liked. Limited supplies have been made more apparent by increased popularity and demand. The fact, too, that we have so many Canadian and U.S. Troops with us, who are great Pepsodent users, has added to your difficulty.

This year we have been fortunate in ending one source of annoyance — the method for the vital return of cases. Through the good offices of the Container Recovery Service, all cases are now collected.

In our mutual interest we hope the next item to be adjusted will be the very pressing difficulty of supplies ; it will be a tremendous relief to us to be able to supply all you need.

So listen, fellows, stop calling us all those names. It isn't our fault. As Father used to say when he took us to the wood shed : " This hurts me more than it does you." We have both been through a lot together during these recent hectic years. Please, therefore, bear with us, we will certainly do our very best.

**BUT WE'RE ANOTHER
YEAR NEARER PEACE
AND WE HOPE-PLenty**

We send you our very best Seasons Greetings and trust that the prophets be true, that 1944 will know Peace once more. Again we thank you for your co-operation and understanding.

PEPSODENT LTD.

59-61 PARK ROYAL ROAD
LONDON, N.W.10

Harman's PETROLEUM JELLY B.P. FOR MEDICAL PURPOSES

WHITE 1 oz. jars, 48/- per gross. 2 oz. jars, 66/- per gross.

YELLOW 1 oz. jars, 42/- per gross. 2 oz. jars, 60/- per gross.

Plus $\frac{1}{8}$ th Purchase Tax.

Harman's ZINC & CASTOR OIL HEALING CREAM

1 oz. jars, 54/- per gross. 2 oz. jars, 84/- per gross

Plus $\frac{1}{8}$ th Purchase Tax.

Cash with order. Carriage paid.

Many other lines. Essences, raw materials, etc.

Write for Price List

HARMAN DIETETIC LABORATORIES LTD.

109 CRICKLEWOOD BROADWAY, N.W.2

GLADSTONE
1084

GARDINERS for OVERALLS



LONG OVERALL COATS (SHRUNK)

Men's. White or Khaki
13/9, 15/-.

Women's Overalls.

Cross-over style. White, Khaki,
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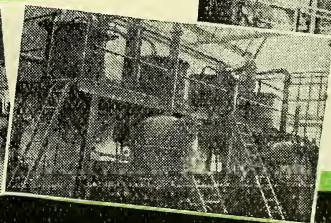
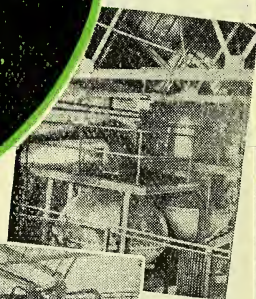
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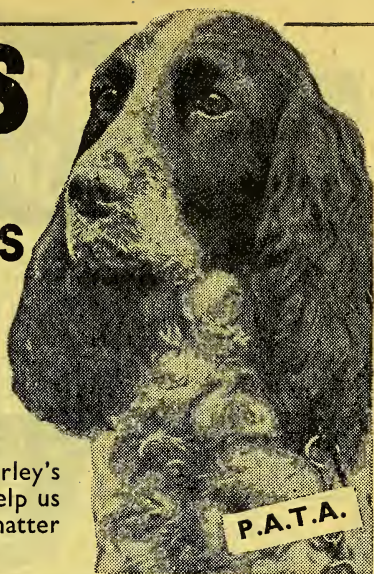
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NEWS OF THE WEEK

Ministry of Health Bulletin to Pharmacists.

—We have received from the Ministry of Health a press copy of its "Health Education Supplement," which, we understand, is to be issued quarterly. Owing to the publication in this issue of special features, such as the drug-trade Greetings for 1944 from twenty-nine professional and trade organisations, and consequent pressure on our editorial space, we are arranging to publish a summary of the Ministry's Supplement in next week's issue.

Statement on Employee Organisation.—

The following statement has been issued jointly by the Association of Pharmaceutical Employees (a section of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks), the National Union of Distributive and Allied Workers, and the Association of Scientific Workers. The three employee organisations named above recognise the importance of facilitating employee organisation in retail pharmacy. They have mutually agreed on future policy as to their relationships one

with another, and in furtherance of this policy they have established a joint consultative committee, representative of the three organisations, for the purpose of promoting joint action on matters of common interest in retail pharmacy.

Education Bill.—The Education Bill introduced into the House of Commons recently by Mr. R. A. Butler (President of the Board of Education) includes provisions laying upon local education authorities the duty of providing adequate facilities for technical and commercial education. Authorities will be required to submit schemes, after consultation with universities, educational associations, and neighbouring authorities and, when the schemes are approved by the Minister, to put them into effect. Local authorities will be required to make provision in young people's colleges for the part-time education in working hours of young persons up to the age of eighteen, who will be obliged to attend on one whole day or two half days for forty-four weeks in each year, or, where continuous attendance

is more suitable, for a continuous period of eight weeks, or two periods of four weeks annually. Each young person will be required to keep the local education authority informed of his address, and employers will be required to inform the authority when young persons enter or leave their employment. Another clause empowers local education authorities to prohibit or restrict the employment of children attending county, auxiliary or special schools where it would be prejudicial to the children's health or education. Provision is made that the period during which a young person is required to attend a young people's college shall be treated as hours of employment, for the purposes both of any enactment relating to hours of employment in a particular occupation and of any agreement or enactment relating to overtime pay.

Red Squill from North Africa.—A cargo of red squill has arrived from North Africa for use in the manufacture of rat poison. Further consignments will probably follow.

Inquest.—A verdict of suicide was returned at Barrow-in-Furness, recently, on Mrs. Mary Ellen Lloyd, who died at North Lonsdale Hospital from poisoning by carbolic acid taken on December 11, 1943.

Eire Army Pharmacists' Promotions.—The Command Pharmaceutical Chemists in the Irish Army who held the rank of First Lieutenants have recently been promoted Captains. They are Messrs. A. F. Roche, G. O'Donnell, W. Creaven, and J. Slattery.

Northern Camera Club.—The opening dinner of the Northern Camera Club, which has been founded for the purpose of promoting facilities for research workers and designers in photography, was held at the Club's premises, High Street, Chorlton-on-Medlock, Manchester, recently.

Guild of Public Pharmacists.—Two colour films on "The Technique of the Irrigation Envelope Treatment" were shown to the Guild of Public Pharmacists in London recently. Screening of the films was preceded by a ten-minutes' introduction, and a commentary was given whilst the films were in progress. In the unavoidable absence of the president and vice-president, the chair was occupied by Mr. F. B. Royal.

Deputation Seeks Research Grant.—Led by Lord Samuel, a deputation from the Parliamentary and Scientific Committee approached members of the Cabinet recently to ask for a "token" grant in the next Budget of a further £1,000,000 for the purposes of extending research work at the

universities, and for training scientists. Among those who spoke for the deputation were Lord Hinchinbrooke, Captain Plugge, Dr. W. R. Wooldridge, Professor A. Findlay, Dr. J. A. Crowther, Mr. J. G. Bennett, Dr. Maxwell Garnett, and Lord Winster. Cabinet Ministers who received the deputation included Mr. C. R. Attlee (Lord President of the Council), Sir John Anderson (Chancellor of the Exchequer), Lord Cherwell (Paymaster General), Mr. Tom Johnston (Secretary for Scotland), and Sir William Jowitt (Minister without Portfolio). Mr. Attlee said that if the Government was to play its part there must be equal interest and activity on the part of industry and the public. It was no use spending money on scientific work unless it was properly applied. The nation must demand and recognise the need for research workers, and the attitude of the ordinary citizen was of great importance in this respect. He could not anticipate the Budget, but he believed the Treasury was "sympathetically inclined." Plans for science held a high place in the minds of all members of the Government.

PARLIAMENTARY NEWS

Ergosterol for Arthritis.—Major Lyons asked the Minister of Health on December 16 whether continuous research was being made into the cause and treatment of arthritis; and whether tests had been or were being made of the efficacy of electrically-activated ergosterol. Mr. Willink, in reply, said he was not aware of any tests that had been or were being made in this country of the efficacy of electrically-activated ergosterol, but he was making inquiries as to the position in the United States.

Penicillin Supplies.—In a written answer on December 16 to questions concerning the manufacture and supply of penicillin, it was stated that arrangements had been made to produce as much penicillin as possible. There was at present only a small quantity, and the total supply would, for some considerable time, be insufficient to meet Service requirements. Limited quantities were, however, being made available, in consultation with the Ministry of Health and the Medical Research Council, for clinical trials. Efforts would also be made, as soon as circumstances permitted, to allocate some supplies for the civilian population, but no indication could be given as to when supplies would be generally available.

TOPICAL REFLECTIONS

A Christmas Number

Though not so styled, your last week's issue was in effect a Christmas number, and its varied contents must have been welcome to all your readers. In a limited space you found room for a well-documented account of William Allen's career, for Mr. J. Ross-Mansell's vivacious "Colonel Blimp and Mr. A. Blimp, M.P.S.," and for "In and Out the Coal Hole." The last-named is a notably successful parody in a manner that most of us regard with affection as well as admiration, the manner of the "Alice" books. Students of literature are agreed that up to a point the composition of a parody is easy; but to be worth reading a second time it must be faithful to its original. Some of the parodies of Lewis Carroll that one has read would have justified the distinguished author in adopting very unclerical procedure: "In and Out the Coal Hole" passes the test mentioned, and others, with honours. The reference to Sir Humphry Davy and the Royal Institute in the article on Allen has an additional interest because of the part played by Davy in establishing chemistry on a sound basis. He was a tireless experimenter, and showed a healthy curiosity on many subjects. In the correspondence of the poet Southey there is a reference to him worth recalling in illustration. Writing on September 24, 1799, on credulity in illness, Southey records: "Davy put a thermometer into the mouth of a patient to ascertain his animal heat. A few days afterwards the man came to him: 'Do ye, Sir, please to put that thing in my mouth again; nothing ever did me so much good. I felt myself better directly.'"

Planning

At the beginning of 1944 our thoughts naturally turn to post-war conditions: though we cannot foresee much or far, we must plan to the best of our ability. In a speech in the House of Lords shortly before Christmas, the Minister of Reconstruction invited industrialists to make "very carefully considered proposals" on the removal of Government controls during the period of transition from war to peace. Every wise business man, he remarked, made his plans from two to five years ahead of his current practice. Lord Woolton's long business experience lends special importance to this invitation. There is an obvious temptation for commercial authorities to say to the Government, in effect, "Let us

know what priority for supplies will be granted to us, and we can then tell you how soon we can get going." In that case the Government might hold that nothing of the kind could be done without knowing approximately the needs of the various industries, and an *impasse* would result. It seems to be a case for informal consultations between those qualified to give sound opinions. Passing from this fundamental problem to those of retail business, it is desirable that plans should include a determination to work to better purpose than before the war. This does not necessarily mean working harder, but means cutting away everything in the nature of "dead wood." My recent correspondence includes references to orders by retailers for familiar solutions. When such solutions require for their preparation the precautions prescribed in Addendum IV of the British Pharmacopœia, the procedure is understandable if chemists are without facilities.

A Treasurer's Obiter Dicta

The treasurer of the Pharmaceutical Society appears to have been unduly modest when answering questions at Leeds recently (*C. & D.*, December 25, 1943, p. 654). As reported, he put up a poor case for co-option to the Council when he stated that it was not "of itself" a democratic method of filling a casual vacancy. "Democratic," like "Mesopotamia," belongs to a class of words that can exercise a hypnotic effect on unthinking hearers. The by-laws of the Society could, of course, be changed so as to provide a different procedure when a councillor dies or retires during a term of office; but what alternative was in the questioner's mind? Is it suggested that in such cases a by-election should take place, at a cost that would mean much in the present state of the Society's finances? As is well known, a co-opted councillor holds the seat for only so long as the member vacating it would have held it till retirement in rotation, possibly a period of only a few months. Nor was Mr. Shaw happily inspired when he declared that the Society was not a "learned society." Is his contention that the Society is an unlearned society? The treasurer's arithmetic as applied to the increased fees is too abstruse for me to grasp. I gather that he has found a way of making 3s. do the work of 8s. 6d.; if so, it is "a consummation devoutly to be wished"—a quotation so familiar that I need not indicate its source. **Xrayser**

LEGAL REPORTS

Toilet Preparations Charges.—At Barnstaple borough police court, recently, Barnett Davis, 16 Albemarle Street, London, W.1, trading as Barneys, 88 High Street, Barnstaple, was committed to the Quarter Sessions on charges of supplying controlled goods (lipstick) to a Board of Trade inspector without a label bearing the name and address of the manufacturer. Evelyn Ellis, manageress, was summoned for aiding and abetting. It was stated that goods were offered for sale as "bombed-out salvage goods." An inspector of the Board of Trade visited the premises and placed the value of toilet preparations in stock as between £3,000 and £4,000. The manageress produced two invoices both bearing the name "Elizabeth West and Valerie Lee, sole proprietor, B. Davis, Russian." Davis was allowed bail in £250 and two sureties of £100 each, and Ellis in £100 and one surety of £100.

COMPANY NEWS

PLASTIC BOTTLES, LTD. (P.C.).—Capital £100. Manufacturers, factors and wholesale sellers of bottles, jars, carboys, etc. Cyril R. G. Young is the first director. R.O.: 120-22 Victoria Street, London, S.W.1.

RODMILL CHEMICAL CO., LTD. (P.C.).—Capital £1,000. To acquire and carry on the business of chemists and drysalter carried on at 9 Paddington, Liverpool, by Samuel V. Taylor, Frank Holden, M.P.S. Patricia Taylor and Lily B. Mumford Directors as above. R.O.: 9 Paddington Liverpool.

TIP TOP & TORQUAY MINERAL WATER CO., LTD. (P.C.).—Capital £3,000. To acquire the business of mineral water manufacturers carried on by Daniel J. Rees and Ivor G. Rees at Upton Hill, Torquay. Daniel J. Rees, Ivor G. Rees, and Ronald T. Gardner, directors. R.O.: 46 Upton Hill, Torquay.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

MR. H. T. NICHOLL (president) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, held in Belfast on December 17. Also present were Messrs. Charles Abernethy (vice-president), James McDowell (treasurer), James Donaghy, J. W. Gray, J.P., H. F. Moore, John McGregor, W. C. Tate, Sir Thomas McMullan, D.L., Professor E. B. C. Mayrs, M.D. Mr. D. L. Kirkpatrick (secretary) was in attendance.

Druggists' Representatives

THE SECRETARY read counsel's opinion on the question of the election of druggists' representatives on the Council; and on the proposal of Mr. J. W. GRAY, seconded by Mr. CHARLES ABERNETHY, the Council appointed the president and secretary as a deputation to wait on the Ministry of Home Affairs at Stormont.

Educational Matters

It was decided to present a book prize to Miss Heney, Banagher Manse, Feeny, Londonderry, for having obtained the highest marks at the Preliminary Scientific examination of the Society recently. MR. C. ABERNETHY, on a notice of motion, proposed "That the Council make a grant of £25 to the Technical School, Magherafelt, co. Derry." This was seconded by MR. DONAGHY and passed.

THE PRESIDENT informed the meeting that, owing to illness, Dr. D. McCall has been unable to attend the Society's examination, although he had set all the paper. He (the president) had therefore, with the approval of the Ministry of Home Affairs, appointed Mr. Noel Patterson to complete the examination. A notice of motion by THE PRESIDENT was seconded by MR. JAMES McDOWELL and passed: "That the payment of £44 8s. 9d. for examination fees and travelling expenses to Dr. McCall passed at the November meeting of the Council, be hereby rescinded."

Licentiates and Members

MR. W. C. TATE proposed the sealing of the certificates of the new licentiates; this was seconded by MR. JAMES DONAGHY and passed. Miss Cecilia B. Savage, Suffolk Street, Ballymena, and Mr. Francis Ward, Killybrackey, Dungannon, were elected members of the Society on the proposal of MR. J. MCGREGOR, seconded by MR. J. W. GRAY, J.P.

The usual gratuities to the secretary, assistant and the caretaker were approved by the Council, and the president wished all present the compliments of the season.

A Clean Sweep.—Make a clean sweep of all waste paper, old books and cardboard and send it for salvage.

TRADE NOTES

Discount Offer.—Chesebrough Manufacturing Co., Ltd., Victoria Road, Willesden, London, N.W.10, are making a special offer of a parcel of Pinoleum inhalant at £2, less 10 per cent.

South Wales Distributors.—The address of Bryco Sales Agencies, manufacturers' agents and distributors for South and West Wales (see *C. & D.*, December 25, p. 641), is 21 and 22 Park Street, Swansea.

Granular Seltzer Charge.—The British Seltzer (1942), Ltd., Croydon, Surrey, have introduced a granular Vola seltzer, which they state dissolves readily and gives a clear sparkling solution. Stocks are available from usual wholesalers or direct from the sole distributing agents: Johnson Agencies (Proprietaries), Ltd., Clarendon Works, Clarendon Road, Croydon.

Naso-pharyngeal Solution.—Albucid soluble naso-pharyngeal solution is being introduced to the medical profession by British Schering, Ltd., 185-90 High Holborn, London, W.C.1, as a means of counteracting infections of the nose and throat. It is suitable for application either as a throat paint or in any of the usual sprays or atomisers, and has a surface tension of 37 dynes per cm., ensuring even and rapid dispersal and penetration. The preparation is issued in bottles of one fluid ounce.

Bonus Package Change.—Owing to restricted supplies of raw materials and the heavy requirements of the Services, Aspro, Ltd., Slough, Bucks, announce that they are temporarily unable to meet in full the increasing public demand for Aspro. Adherence to existing minimum bonus parcels has been hindering distribution of the restricted supplies available, and to overcome this a change has been made in the minimum parcel ranking for bonus. Full details of the change, which comes into operation on January 1, 1944, are given on another page.

Fat-free Desiccant Paste.—The advantages claimed for Siccolam non-greasy drying application by the makers, The British Drug Houses, Ltd., London, N.1, are that it is active in all inflammatory dermatoses; is innocuous, with no contraindications to its use; effects immediate absorption of fluid exudate; causes rapid relief of inflammation of pruritus; is active in both acute and chronic conditions; can be used in conditions in which the use of fatty preparations is contra-indicated; and is simple and cleanly in use.

Proprietary Articles Trade Association

Additions to Protected List.—*Parke, Davis & Co.* Gluco-Fedrin with Phemeride, 1-oz., 24s. doz., tax 4s. doz., inclusive retail price 3s. 4d.

Wigglesworth, Ltd. Opas brand MacLean tablets, unsweetened, now available to chemists on same terms as sugar-base variety, but in one size only (sixty tablets), 5s. 3d. doz., one doz. 5s. doz., tax 10d. doz., i.r.p. 9d. The unsweetened may be grouped with sugar-base variety for quantity price reduction (six doz. and upwards, 4s. 3d. doz.).

Alterations.—*Coty (England), Ltd.* Increased prices, January 1, 1944, No. 50 bis, Coty shaving-stick refills, 10s. doz., tax 3s. 4d. doz., i.r.p. 1s. 6d.

J. Grossmith & Son, Ltd. No. 86C, shaving-soap in Wedgwood china bowl, 32s. doz., tax 10s. 8d. doz., i.r.p. 4s. 11d.; No. 92, powder-cream, 6s. doz., tax 6s. doz., i.r.p. 1s. 3d.

A. Wander, Ltd. Wander brand malt extract, 1-lb., 1s. 9d., 16s. 1½d. doz.; 2-lb., 3s. 5½d., 30s. 9d. doz.; malt extract with cod-liver oil, 1-lb., 2s. 1d., 19s. 9d. doz.; 2-lb., 4s. 0½d., 37s. 6d. doz. (exempt from tax).

C. & D. PRICE LIST OF MEDICINAL PROPRIETARIES

Users of the List are asked to note the following price changes and withdrawals and to mark the List accordingly:—

Item	Trade price per doz.	Purchase tax per doz.	Inclusive retail price each
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Vimaltol	27 0	Nil	3 0
	49 6	Nil	5 6
Wex saline ..	16 6	2 9	2 0
	28 0	4 8	3 4
De Witt's pills, 1s.	5d. size	withdrawn;	ant-
acid powder, 1s.	8½d. size	withdrawn.	New
size introduced,	as follows:—		
	18 0	3 0	2 3

C. & D. QUIZ NO. 18

1. What are Zittmann's pills?
2. What is sal acetosella?
3. What is oleum petroselinii?
4. What are anti-catarrhal salts?
5. What is setwall?
6. What drug is mentioned in Keats's "Ode to a Nightingale"?
7. What is a "mama"?
8. What is quillain?
9. What is harmal?
10. What is opium concentratum?

(Answers on p. 26)

1944 GREETINGS

In reply to our invitation, we have received from professional and trade organisations of the drug trade the following New Year Greeting messages:—

Pharmaceutical Society of Great Britain

It is a pleasure for me once again to give a New Year message to your readers, and I cordially wish them the Compliments of the Season. The events of the last year have created a feeling of keen hope and expectancy that 1944 will see the end of the conflict in Europe. I trust it may be so; but recalling the note I struck in my message last year, I would urge that we do not allow ourselves to lose sight of the gravity of the situation and of the magnitude of the sacrifice that may be involved before victory is won. The difficulties in the practice of pharmacy created by the manpower situation and other war-time factors are not likely to decrease; but if we keep in mind the conditions under which our men, including many pharmacists, are serving on the battle fronts, we shall, I am sure, make whatever extra efforts are needed to maintain the pharmaceutical service of the community. Post-war problems may be expected increasingly to engage our attention during 1944, and their solution will call for the thorough and dispassionate study of the facts, a broad and balanced outlook, and close co-operation between pharmacists. The tasks ahead will be difficult, but we shall, I hope, be inspired to tackle them energetically by our consciousness of the part which pharmacy has played in the life of the nation in the past and the need for its services in the future.

W. S. Howells,

President.

Pharmaceutical Society of Northern Ireland

I AM greatly pleased to avail myself of this opportunity to send sincere Greetings and every good wish for the year 1944 to all fellow pharmacists. The heartening progress of the Allied Forces in the past year has given us hope that the final victory is not far distant, but it is well to remember that the return to normal life will not come

with the end of hostilities. In the difficult days of reconstruction which lie ahead I am confident that pharmacy will play its due part and earn an even higher place in the life of the community than heretofore.

J. Trevor Nicholl,

President.

Pharmaceutical Society of Ireland

I AM grateful for the opportunity of sending heartiest New Year Greetings to our members. We thank God that conditions here are better than we had hoped for. Irish pharmacy is approaching a very important point in its history. The expected report of the Vocational Commission, the changes which the hospital system is undergoing, and the foreshadowed reorganisation of the medical services, require the closest co-operation between pharmaceutical associations, if the interests of the profession are to be improved, nay safeguarded. Our principal worry is the continued abnormal entry into pharmacy. Its seriousness is now generally recognised. Consequently we hope for a reasonable decrease in apprentice registration in the coming year. The charitable work being done by the Society's Benevolent Fund deserves wholehearted support. I appeal to our members to give generously this year.

C. J. Cremen,

President.

Chemists' and Druggists' Society of Ireland

ULSTER again sends her friendly greetings to all the members of the craft in Great Britain, Eire and overseas. We are filled with admiration at the deeds of our brave men, who are fighting so valiantly, and our hearts go out in sympathy to those who have suffered in this gigantic struggle. The clouds of war are breaking, however, and with this breaking comes our opportunity of playing an essential and decisive part in the great work of post-war reconstruction. Victory is in sight, and may God grant its speedy coming and a lasting peace.

Fred Storey,

President.

—to everyone in the *DRUG TRADE*

National Association of Women Pharmacists

I WELCOME this opportunity of sending Greetings and Good Wishes to all pharmacists. The year 1943 has demanded much of pharmacy, but we go forward with confidence to the future. If next year sees the beginning of the reorganisation of the health services there will be great chances to readjust and improve pharmacy. It is necessary to bear in mind that in any form of reorganisation the first consideration is service to the public. Unity and co-operation are the keynotes. Unity in each section of pharmacy and co-operation between these sections. Let us make 1944 stand out as a year of achievement in the history of pharmacy.

Mary C. Islip,
President.

Retail Pharmacy National Joint Industrial Council

I WELCOME the opportunity as first Chairman of the Retail Pharmacy National Joint Industrial Council of sending a message to all concerned in this new development in the organisation of pharmacy. Employers and employees will all be looking to the Council for early pronouncements on wages, hours and conditions of labour, but before anything can be published in that connexion the Council will have to inquire into and consider very carefully the existing conditions, and more particularly the possible post-war conditions of retail pharmacy. I ask on behalf of the Council all those interested in its work to be patient. I am sure that in due course it can and will prove to be of immense value in stabilising the position of employees and in placing pharmacy on a sounder economic basis from both the employers' and the employees' point of view.

The initiative in the formation of this Council came from the employees, supported by the Ministry of Labour, but it is a voluntary body, established because all parties are now satisfied that there is work to be done which can be accomplished in no other way. The Parliamentary Secretary to the Ministry of Labour, Mr. M. S. MacCorquodale, M.P., who addressed the first

meeting as deputy for the Rt. Hon. E. Bevin, M.P., the Minister of Labour, emphasised the importance of Industrial Councils in the eyes of the Government, and specially referred to the helpful attitude of the Pharmaceutical Society. He said that he was perfectly convinced the step taken in forming the Council was one of the best to help in the post-war period. He indicated that the Council would have to consider such problems as demobilisation, reinstatement, re-equipment, etc. There is no doubt the Council will have many difficult questions to decide, but I am convinced that with goodwill on both sides we shall arrive at solutions mutually satisfactory.

G. A. Mallinson,
Chairman.

Society of Apothecaries of London

It is a pleasure to send, in my third year of office as Master, a message of goodwill from the Society of Apothecaries to the readers of *THE CHEMIST AND DRUGGIST*. The confidence implied in my greeting last year that victory for the Allied nations would by now be in sight has been fully justified by events in all theatres of war. Our leaders have given us good reason to hope that the coming year will be decisive in the great struggle—though the sacrifice be great—and we may look forward to the future with confidence and hope that men may once again settle down to their lawful avocations. In its history of well over three hundred years the Society of Apothecaries has weathered many storms, but still stands as the symbol of a high standard set by it in the provision of medicaments for the healing of the sick. Although it is no longer the purveyor of drugs and medicines—a rôle now assumed by the "Retailer, Wholesaler and Manufacturer" for whom *THE CHEMIST AND DRUGGIST* exists—the Society maintains its interest, as is shown by the continuance of its examination for Assistants in Dispensing. I hope that with the passage of the years of peace, the good relations existing between us may continue to grow.

Stanley Woodwork,
C.M.G., C.B.E., D.L., J.P., M.D., F.R.C.P.,
Master.

Association of Pharmaceutical Employees

It is with considerable pleasure that we accept your invitation to send a New Year's Greeting to our members in the pharmacy and drug trade generally. At this time of the year one's thoughts turn rather naturally to a review of the past and give some consideration to the immediate future. The past year has had its difficulties, but they have been overcome in the main. The one outstanding feature of the year's activities was, of course, the discussions which have led to the establishment of the Joint Industrial Council. We believe and hope that the operation of the Council in the months ahead will show that it will be of considerable benefit to all concerned. We should like to send a special word of greeting to our members serving in His Majesty's Forces and to assure them that those of us who are left at home are watching their interests closely. We look forward to the day when we welcome them back. Greetings to all members of the Association of Pharmaceutical Employees.

G. Maurice Hann,

General Secretary.

National Pharmaceutical Employees' Union

THROUGH the courtesy of THE CHEMIST AND DRUGGIST, I send this message of goodwill to members of the National Pharmaceutical Employees' Union, whether in the Forces or following the craft in a civilian capacity—"Compliments of the Season to you all." The N.P.E.U. is flourishing; membership increases daily and branches are being organised and welded together from within the framework of pharmacy into a homogeneous organisation of professional pharmaceutical employees. The present unsatisfactory state of pharmacy is due to internal as well as external causes. Better administration can come only through a co-ordinated policy. Numerous changes are foreshadowed for pharmacy, so it behoves the members to think as pharmacists and vote accordingly. Members of the N.P.E.U. can accomplish much towards success through electioneering propaganda by the rank and file and branch officers. Your Union is not out to seize control, but to get a square deal and have a say in pharmaceutical affairs.

G. H. Armitage,

Acting Chairman.

Chemical Workers' Union

THE Chemical Workers' Union sends fraternal greetings and good wishes for 1944 to all those engaged in drug and fine chemical trades. We sincerely hope that the age of lunacy we have been living through this last few years will shortly end. In planning the post-war world, the chemical industry in all its sections will play a very important part. Industries that have been producing the means of destruction will switch over and produce the various requirements for peace. We all want to see a future world of peace and plenty, along with economic security. The ideal can be made a reality providing there is the will and maximum co-operation. To the staff of THE CHEMIST AND DRUGGIST we tender our best wishes for the services rendered to the trade. To Union members in the Forces we hope for a speedy return.

Dick Beech,

President.

The Pharmaceutical Corps

I WANT to extend my very sincere greetings and good wishes for 1944 to all members and friends of the Pharmaceutical Corps throughout the country. The training and comradeship which the Corps has provided have been the means of making pharmacists more efficient, and has helped them to make a fuller contribution towards the war effort. We have got to know one another and have learned to appreciate one another's difficulties. There can be little doubt that pharmacy is destined to play a richer part in the health services of the future. In preparation for that time the Pharmaceutical Corps has played no small part. Every progressive pharmacist should avail himself or herself of the training facilities provided, and share in that spirit of comradeship and service which must in the end give pharmacy its rightful place in the temple of healing.

L. Hayward,

Commandant.

The Brighton 1942 Committee

ON behalf of my Committee I wish to extend to all fellow pharmacists, wherever they may be, every good wish for the New Year. It is hoped that in the coming year we shall see the successful conclusion of the war and the beginning of better relationships between the countries of the world. With the abolition of greed and with good planning, there is enough to go round. For it is fear of being in want that makes men

fight for possessions far in excess of their needs. It makes men mistrust the actions of their colleagues, nations jealous of each other, and ends, as always, in war. Cannot we, for instance, in pharmacy, resolve to take a more active interest in the affairs of our calling, to work in unity, to negotiate, to educate, so that pharmacy can be free from economic threat, free to practise professionally that for which there is training and examination? Yes, we can; but it is up to us, you and I and every other member of our Society, by co-ordination within ourselves and by co-operation with all other bodies within the health services, to build a pharmaceutical service worthy of our great nation.

Donald W. Hudson,
Chairman.

The Scottish Pharmaceutical Federation

WE are now on the threshold of another year and well into the fifth year of the second world-wide upheaval. The coming of peace will bring about, sooner or later, many changes, both national and international. Never in the history of British pharmacy have chemists been confronted with the possibility of so great a fundamental change as is foreshadowed in the Beveridge Report by the setting up of a State Medical Service. If pharmacists are to hope and expect that, so far as the dispensing of prescriptions and the supply of drugs are concerned, there will be no change, it is essential that (1) all branches of pharmacy must be united in this desire and (2) each individual pharmacist must put his house in order. Until the White Paper is placed before Parliament our position remains obscure. Nevertheless, like the fishermen in the close season, we must be "mending our nets." The Services, and other war work, have depleted the staffs in almost every shop in the country, and those left to carry the extra burden have risen to the occasion. Should, however, any serious epidemic occur, those remaining would certainly feel the strain, and any further call-up of personnel might prove disastrous. No doubt this point has been brought to the notice of the Minister of Health. Notwithstanding the strain of the war years, pharmacists have rendered a high standard of service to the public, and they can be relied upon to continue that same high standard in the coming year.

Charles A. Buick,
President.

The Drug Trade Council

I WELCOME your invitation to send New Year Greetings to every section of the drug trade. I am convinced that the closest co-operation between all sections of the drug trade is necessary if we are to face the post-war period with confidence. It seems to me that the following words I used in 1941 in my address as Chairman of the British Pharmaceutical Conference are specially suitable for consideration just now:—

"We in pharmacy are caught up in the vast current of modern industrial organisation and seem to be swept along powerlessly. In many respects this is a true picture, but even in such conditions we can steer our ship. We shall probably achieve much more by shaping our course somewhat in accordance with the flow of the stream than by trying to make way against it. Suppose, for example, that instead of concerning ourselves with demands for Royal Commissions and pharmaceutical legislation we were to see what could be done by means of negotiations with those who have similar interests to our own."

It is vital that all those interested in the maintenance of the legitimate drug trade should devise machinery for co-operation and mutual support, dealing with their own problems within the trade, and not allowing matters to drift, or relying upon outside assistance. On behalf of my Council I send Greetings to the drug trade.

A. R. Melhuish,
Chairman.

Ulster Chemists' Association

To members of the Ulster Chemists' Association and all those allied with us in wielding the pestle, sincere greetings and good wishes for 1944. To the recently formed Associates' Section of the U.C.A., I extend a special greeting and hope that in the New Year our combined efforts will lead to mutual benefits. In common with other trades we are having our share of business worries and problems in striving to conform to the many new regulations. This should draw us closer together in reciprocal sympathy and encourage us to resolve that when better times come we will work together for the good of all. In conveying this greeting I venture to look forward to better conditions prevailing in pharmacy in the post-war period. After four years events are now moving in favour of the United Nations, and to that peace which we all hope and pray for. God grant that it may come soon.

H. P. Crossin,
President.

The Irish Drug Association

I AM very pleased to exercise the privilege, afforded to me by the Editor of THE CHEMIST AND DRUGGIST, of sending a New Year message to the Irish Drug Trade. We have passed through a year which, judged by peace-time standards, was trying and difficult for the pharmacist, who indeed has become inured to worries he would have formerly considered intolerable, and surprisingly adept at surmounting difficulties. The Irish chemist, looking back on the past four years, realises, however, that things have not turned out as badly as expected, and can look forward then to 1944 with comparative equanimity, knowing that not merely every month and every week, but, indeed, every day that passes is visibly, and with increasing acceleration, bringing him nearer to the return of normal trading conditions, when rationing and a myriad other war-time vexations will only be a dream of the past.

F. X. Meagher,

President.

Wholesale Drug Trade Association

IN extending to all our friends the best wishes for the coming year, I do so in full confidence that an arduous but successful future lies before us. Difficulties and setbacks will inevitably occur, but new occasions teach new duties, and I feel sure that the same wholehearted co-operation which has animated us during recent years will, in the coming year, still progress to our mutual benefit. Most of the members of the Association have given serious thought to post-war planning, and, if this is based on the splendid spirit of helpfulness so ably demonstrated by the necessities of war, we can look forward to the Happy and Prosperous New Year which I, on behalf of the W.D.T.A., sincerely wish to all your readers.

S. W. Whiffen,

Vice-chairman.

National Pharmaceutical Union

As Chairman of the National Pharmaceutical Union, I am reminded of the fact that the Union has for one of its objects closer co-operation with every section in pharmacy, and I am therefore pleased to have the

opportunity of conveying heartiest New Year Greetings to all engaged in the profession. We are now in the fifth year of the war. Pharmacists at home and in the Forces are playing their part nobly, but unfortunately I cannot promise that even more drastic calls will not have to be made before victory is finally ours. Your organisations are, however, preparing for peace, and the N.P.U. already has several schemes well in hand and I know that the same can be said of the Pharmaceutical Society and the C.F.A. Reviewing the present and past activities of the N.P.U., I am emboldened to send this message to you—Pharmacy is being well cared for and we can look forward with confidence for our profession if every pharmacist, employer and employee, will make the following New Year's resolution—"I will support my pharmaceutical organisations to the best of my ability."

T. Heseltine,

Chairman.

The Chemists' Friends Association

I THANK you for affording me the opportunity to send a message to your readers, who comprise (as your sub-title states) the retailer, the wholesaler and the manufacturer. To preach to the converted is proverbially a waste of effort. To the minority of pharmaceutical retailers who need conversion, I would point out that the C.F.A. is working to improve the pharmacist's position by making him the recognised source of supply (to the public) of reputable proprietary medicines and surgical dressings. The C.F.A. Standards Committee exists to ensure that only reputable products are added to the C.F.A. List, and the new manufacturer who today would contemplate launching a proprietary medicine on the market without C.F.A. approval must be a bold man—or a very inexperienced one. The list of manufacturer-members increases year by year, and will, I am sure, continue to do so. By joining the Association they secure a measure of goodwill from the pharmacist which they could obtain in no other way. On behalf of the C.F.A. Council I send best wishes for the New Year to all members—present or prospective. May it prove to be a Victory Year, both in the national and in the pharmaceutical sense!

J. D. Bohn,

President.

Proprietary Articles Trade Association

I AM happy to have this opportunity of addressing a message of greeting and goodwill to members of the Proprietary Articles Trade Association for the year 1944. It is fitting on such an occasion to remind members of the value of the principle of price protection, which it is the object of the Association to maintain. The Association can take pride in the success which for so long has attended its efforts to ensure a reasonable return to the distributors of proprietary medicines, and which has established beyond question the soundness of the price-protection principle.

W. S. Howells,

President.

The Proprietary Association of Great Britain

ON behalf of the Proprietary Association of Great Britain, may I express our thanks for the opportunity extended to us to send seasonal greetings to all those associated with us in the drug trade. We are particularly grateful for the opportunity which it affords to express our thanks to those engaged in wholesale and retail distribution for the grand co-operation which has been maintained and for ensuring fair distribution of the many products which are, of present necessity, in short supply. We trust that the New Year may witness not only the cessation of hostilities but also less restrictive trading conditions.

J. S. Walmsley,

Secretary.

Association of British Chemical Manufacturers

I WELCOME the opportunity of sending the best wishes of the Association of British Chemical Manufacturers to all our friends at home and abroad. The successes of the United Nations during 1943 have been greater than we dared hope, and the chemical industry has made important contributions to them. It is a vital factor in all fields, from explosives to saving life by synthetic drugs. As one of the basic industries of the country, the chemical industry has also important contributions to make to the re-establishment of peaceable production. In one form or another, its products are needed for shelter, clothing, food

and public health, and the A.B.C.M. is framing suggestions as to how best it can help to get the wheels of industry turning, not only in this country, but in the liberated countries of Europe. Never in the history of the industry has more time and thought been given to the vital needs for planned research. Furthermore the great strides in technical achievement stimulated by the needs of war will be available to the community as one of the contributions of chemical science to post-war reconstruction.

Percy C. C. Isherwood,

Chairman.

Drug and Fine Chemical Manufacturers' Association

ONCE again on behalf of the Drug and Fine Chemical Manufacturers' Association I take the opportunity offered by THE CHEMIST AND DRUGGIST to send my best wishes to the industry and its workers for the coming year. It is difficult to forecast the conditions likely to prevail during 1944, but the one essential for which all must strive is the continued and even closer co-operation of the whole trade for the work of reconstruction, to which we shall be called upon to contribute no small share, and also the enduring betterment of the industry when once again we return to peaceful times. I would like to send a special message of goodwill to all those who are serving their country, and wish them a safe return.

G. Goodman Whiffen,

Chairman.

Surgical Instrument Manufacturers' Association

THE Surgical Instrument Manufacturers' Association has again the pleasure of sending its greetings and warmest wishes for prosperity in the new year to their colleagues in the pharmaceutical and drug industry. We trust that before this coming year is over the happy day will have dawned when the old custom (and we are believers in such old customs) of walking into a pharmaceutical establishment, asking for what we want and getting it, will be revived to the greater happiness of those who think that journeys to your establishments are really necessary. Meantime we express profound admiration for the equanimity with which you face present conditions.

H. Guy Drew,

Chairman.

The British Chemical and Dye-stuffs Traders' Association

I AM very pleased to accept the Editor's invitation to send a New Year's greeting to members of the Association. We are passing through momentous times and, although much has yet to be done, the year ahead may well see the beginning of a new era in progress, which we hope will carry with it the foundations of a lasting peace. Chemical merchants are making an important contribution to the national effort by maintaining, in spite of immense difficulties, efficient distribution of raw materials required for essential uses. The time may not be far distant when trade, and overseas trade in particular, will be resumed on a wide scale, and the many problems created by war-time restrictions must receive our increasing attention. It is to the merchants that the country will have to look if British trade is to be developed to the fullest possible extent, and I am confident that the Government will recognise that this development can only be achieved if that necessary scope for initiative is restored to our many highly efficient merchant organisations.

Victor Blagden,

President.

Perfumery and Toilet Preparations Manufacturers, London Chamber of Commerce

It is with very great pleasure that I respond to the opportunity which you give me, as Chairman of the Perfumery and Toilet Preparations Manufacturers' Section of the London Chamber of Commerce, to send cordial greetings to all associated with the perfumery and toilet preparations trade. We are confidently looking forward to 1944 as bringing the end of the war in Europe, the restoration of liberty to a large part of the world, and a rehabilitation of our trade as early as possible. The increase in the toilet preparations quota for the next six months is perhaps a happy augury, although I feel I should be misleading your readers if I led them to expect a spectacular increase in supplies of toilet preparations. The industry has sacrificed much of its labour and factory space in the national cause and many raw materials are inevitably in short supply. The industry before the war was a comparatively young but growing one. Its potentialities after the war are great, and it will be up to us in the coming year to prepare for them. One of

the essential steps, I am convinced, is the attainment of the closest possible co-operation in the trade, so that we may go ahead, united and determined, confident in each other. It is on this note that I would like to end my message and renew my good wishes to your readers for the New Year.

L. J. Matchan,

Chairman.

Cosmetic and Toilet Preparations Trade Association

It is with great pleasure that I once again accept your kind invitation to send greetings to the trade and to members of the Cosmetic and Toilet Preparations Trade Association of Great Britain, Ltd. This Association has gained much ground during the past year and valuable work has been done, both in helping to solve the problems of the present and in constructing plans for the future. The many advantages of close co-operation between the various sections of the industry is becoming more clearly recognised; and if the problems of the future are to be surmounted successfully this co-operation must increase still more. The cosmetic industry will aim at maintaining the highest standard qualities possible in spite of present difficulties. I take this opportunity of sending special greetings and a welcome to all new members, and to express the hope that the New Year will bring with it the materialisation of at least some of our post-war plans.

F. L. Blackwell,

Chairman.

British Brush Manufacturers' Association

As President of the British Brush Manufacturers' Association I have much pleasure in sending a New Year Greeting to all readers of THE CHEMIST AND DRUGGIST. 1943 has not been an easy year for pharmacists but they have carried on with their important work and have thus assisted in maintaining the health of the community, which is so essential to the war effort. The brush industry also has found things none too easy but has nevertheless succeeded in maintaining at least sufficient supplies to maintain cleanliness and health. We all look forward to victory in 1944, and on behalf of the brush industry I can promise chemists the utmost co-operation in the years of reconstruction.

W. H. Chadwick,

President.

DEATHS

CRICKMAY.—At a London hospital, on December 17, 1943, Mr. Thomas Charles Crickmay, a director of Crickmay, Mathias & Pepper, Ltd., manufacturing chemists, London. Mr. Crickmay had been in ill-health for several years. The funeral took place from his residence, 34 Harlescote Road, Nunhead, London, S.E.15.

HIRD.—On December 12, 1943, Mr. Reuben Hird, M.P.S., 27 South Street, Crewkerne, Somerset, aged fifty-eight.

KELLY.—On December 10, 1943, Mr. John Kelly, Ph.C., 10 Broomfield Terrace, Whitby, Yorks, aged thirty-five. Mr. Kelly qualified as a chemist and druggist in 1936.

LIVERSEDGE.—On December 13, 1943, Mr. Samuel Gordon Liversedge, B.Sc., F.I.C., for many years head of the analytical control laboratory of Howards & Sons, Ltd., Ilford, aged fifty-nine.

MACRAE.—On December 6, 1943, Mr. Alexander Macrae, 250 Broomfield Road, Glasgow, N., aged sixty-three. Mr. Macrae qualified as a chemist and druggist in 1911.

McGOWAN.—Recently, following an accident, Mr. Joseph McGowan, M.P.S., 346 King's Park Avenue, Rutherglen, Glasgow. Mr. McGowan qualified in 1916. A Requiem Mass was held at Christ the King Church, King's Park.

MELDRUM.—Suddenly, on December 22, 1943, Mrs. Catherine Stewart Meldrum, the wife of Mr. Martin Meldrum, Ph.C., Monument Road, Ayr.

MORSON.—At Haverfield, Broxbourne, Herts, on December 17, 1943, Mrs. Florence Morson, widow of the late Mr. T. P. Morson (formerly managing director of Thomas Morson & Sons, Ltd., chemical manufacturers, Ponders End, Middlesex).

RICHARDSON.—On December 20, 1943, Mr. William Clarke Richardson, M.P.S., 3 Gloucester Avenue, Blackpool, aged eighty-six. Mr. Richardson qualified in 1879, and was the oldest member of the Blackpool Branch of the Pharmaceutical Society. He retired from business only a few years ago.

SAMM.—On December 11, 1943, Mr. Archer Gerald Samm, M.P.S., 52 Walsworth Road, Hitchin, Herts, aged seventy-six.

WILLIAMSON.—At 9 Ardmillan Place, Edinburgh, on December 23, 1943, Mr. Andrew Arthur Williamson, formerly of Howe Street and Leith Walk. Mr. Williamson qualified in 1894.

PERSONALITIES

MR. T. STEPHEN JONES, M.P.S., has been re-elected vice-chairman of the Birkenhead Insurance Committee.

MR. J. P. RUSSELL, B.Sc. (Pharm.), Ph.C., has joined the pharmaceutical research staff of Allen & Hanburys, Ltd.

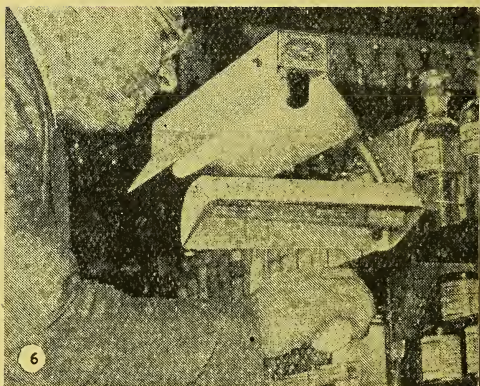
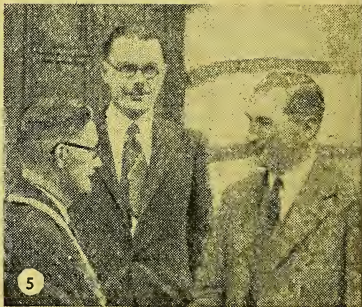
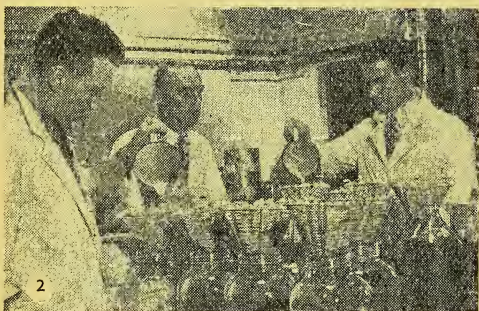
MR. PAUL HEATHER, M.P.S., F.S.M.C., F.I.O., has been made a senior pharmacist in the Royal Navy, after only three years' service. Mr. Heather studied at Plymouth Technical College, qualifying at twenty-one.

MR. G. MAURICE HANN, general secretary of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks, and of the Association of Pharmaceutical Employees, has been appointed a member of the Retail Licensing Committee for London.

MR. JOHN WEIR, M.P.S., Clydebank, has been appointed to represent the Burgh Pharmaceutical Committees on the Drug Accounts Committee (Scotland). Mr. Weir is a former president of the Scottish Pharmaceutical Federation and of the Chemists' Friendly Society, of which he is a director.

LIEUTENANT (temporary Captain) R. C. WARNER, R.A.S.C., younger son of Mr. H. G. Warner (governing director of Courtin & Warner, Ltd., drug and essential oil merchants, Lewes) has been mentioned in dispatches for "gallant and distinguished services in North Africa." Himself a member of the staff of the company, Lieutenant Warner was also a director of John Gosnell & Co., Ltd.

PROFESSOR ARTHUR STOLL, a director of the Sandoz research laboratories, was, in September 1943, at the centenary of the Swiss Apothecaries' Association, awarded the Flückiger gold medal in recognition of his scientific achievements in the domain of pharmaceutical chemistry. The medal is the highest Swiss award for original scientific research in the field of pharmacy. In November 1943 Professor Stoll was also awarded the Marcel Benoist prize by the trustees of the Marcel Benoist Foundation, which was established for the furtherance of scientific research. This award (valued at S. fr. 20,000) was made "in recognition of his outstanding scientific work in pharmaceutical chemistry, especially in the preparation of pure medicines from drugs." Professor Stoll, while accepting the honour of the award, did not accept the prize itself, but presented it to other foundations.

PAST YEAR

1. JANUARY: Emergency hospital opened at Central Criminal Court. 2. FEBRUARY: L.C.C. laboratory produces culture media. 3. MARCH: Chinese and Russian ministers examine Canadian optical glass. 4. APRIL: U.S. and British armies jointly charter hospital trains. 5. MAY: Plymouth welcome Mr. Linstead. 6. JUNE: Ultra-violet light introduced into a U.S. dispensary. 7. JULY: B.P. Conference luncheon

IN PICTURES



8. AUGUST: Mrs. Churchill inspects medical supplies for Russia. 9. SEPTEMBER: Gathering sphagnum moss. 10. OCTOBER: Mr. C. J. Cremon (left) becomes president, Pharmaceutical Society of Ireland. 11. NOVEMBER: Luncheon to C.F. manufacturers. 12. DECEMBER: A chemist "optant" newly employed at the mines.

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

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JANUARY 1, 1944

NO 3334

The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

The Coming Year

At the close of 1940, due to the increasing need to save paper, we invited leaders of the professional and trade organisations connected with the drug trade to send in for publication in THE CHEMIST AND DRUGGIST a New Year greeting message to their members and the trade generally. This economical and widespread method of sending greetings was appreciated, and nineteen organisations responded. This year we are proud to publish twenty-nine greeting messages representative of every section of pharmacy and the drug and allied trades; manufacturing, wholesale distributing and retail, of employers and employees. Each week throughout the difficult war years we have publicised the activities of these organisations, and the interests they represent, in addition to providing a weekly review of drug trade news, but it is a particular pleasure to us to act as the medium for all sections and interests of the drug trade by circulating these personal messages.

On national affairs, even more than in former years—and with every justification—there is a strong vein running through the greeting messages of full confidence in

the complete victory of the allied nations. In their references to professional and trade conditions in the future, while realising there are difficulties ahead and that in many respects conditions are likely to change, the leaders of the various organisations look forward to an era when pharmacy will have regained much of its former prestige, and the services of the pharmacist due recognition.

With a clear vision of peace in the coming year and with great tasks ahead, we wish all our readers health, progress and contentment.

Financing of Research

A DEPUTATION from the Parliamentary and Scientific Committee, on December 16, 1943, urged members of the Government (see p. 2) to make a "token" grant in the next Budget of another £1,000,000 so that the universities could plan extensions of their work and increased training of scientists. The last time specific figures for expenditure on research were mentioned was in October 1943, when the same Committee recommended that £10,000,000 should be spent in the first five post-war years on buildings and equipment for research, and that the annual grant to the Universities, out of which the costs of teaching and research are made, should be raised from £2,250,000 to £7,000,000. By what yardstick should the sum spent on research be measured? In view of informed statements, such as that by Mr. Samuel Courtauld, in "The Times" on November 1, 1943, that expenditure on research is at present several times as high in the United States and Soviet Russia as in this country, it is opportune to examine how research is organised in those countries, and particularly how it is financed.

United States

It is known that at the present time the U.S. Office of Scientific Research and Development, which is a department of the Federal Government, is spending more than a billion dollars (say £250 million) annually, or about ten times as much as in peace-time. Even were the U.S. Government expenditure on research to shrink to its pre-war dimensions of \$100 millions, it would still be 3.57 times the British post-war figure

quoted above, for a population approximately three times that of this country. The American colleges have been very largely turned over to research on new ways of fighting, and the national Roster of Scientific and Specialised Personnel lists as many as 640,000 scientists, while the National Inventors' Council has, since the United States entered the war, inspected 150,000 inventive ideas. These figures are presumably exclusive of research work carried on by independent industrial organisations. While qualitatively similar to private research work carried on in this country, this is known to be on a very much wider scale, though difficult to compute in actual figures.

Soviet Russia

The peculiar and very special place which science has in the Soviet organisation was described by Mr. J. G. Crowther (secretary, Science Committee, British Council) before the Society of Arts on April 14, 1943. Because of the status of science in Soviet philosophy, its practical value in raising the standard of living, and, finally but not least important, its military value, research has been made the very foundation of culture and education in the U.S.S.R. In this respect it is in contrast to the traditional Western philosophy, which regards science as "external, detached, and even supernatural." Lenin himself devoted much attention to the application of science to society and industry, and asked the Academy of Sciences to study the problem, particularly in regard to electrification. As a result there was founded in 1918 the Physico-Technical Institute at Leningrad; later this was enormously expanded by the erection of many new laboratories, with correspondingly more numerous students; and, as a direct outcome, hundreds of similar institutes were established throughout Soviet territory, each costing at least £100,000, and staffed mainly from the original Institute at Leningrad.

Great Britain

It will be generally conceded that expenditure on research in this country should not lag behind, population for population, that of any other country. So far as private research is concerned, there has been a

tendency in the past for research carried out by industrial organisations in this country to be kept far too secret. It is natural that a firm should wish to derive the maximum benefits from its own enterprise, but American experience suggests that greater pooling of researches widens the potential market and brings greater ultimate benefits. Whatever has been spent in the past, most of the larger concerns in this country can still afford to spend much more on research work than they are doing, while smaller businesses, to many of which direct research work is out of the question, can combine much more in the financing of research associations for the good of all. Present expenditure on such associations is estimated at between £800,000 and £1,000,000 per annum, including grants amounting to £200,000 from the Government. Considerably larger sums might profitably be advanced from both sides.

Side by side with greater expenditure, however, certain changes will have to be brought about in the training of scientists and in the esteem in which they are held. This country has produced some of the most brilliant research work of the "pure" type, but has frequently failed, where others have succeeded, in applying it to industrial uses. What is wanted is, first, a greater financial and social recognition by industrialists of the value of the scientist's work, and secondly, a readier interchange between purely academic and purely industrial research institutions.

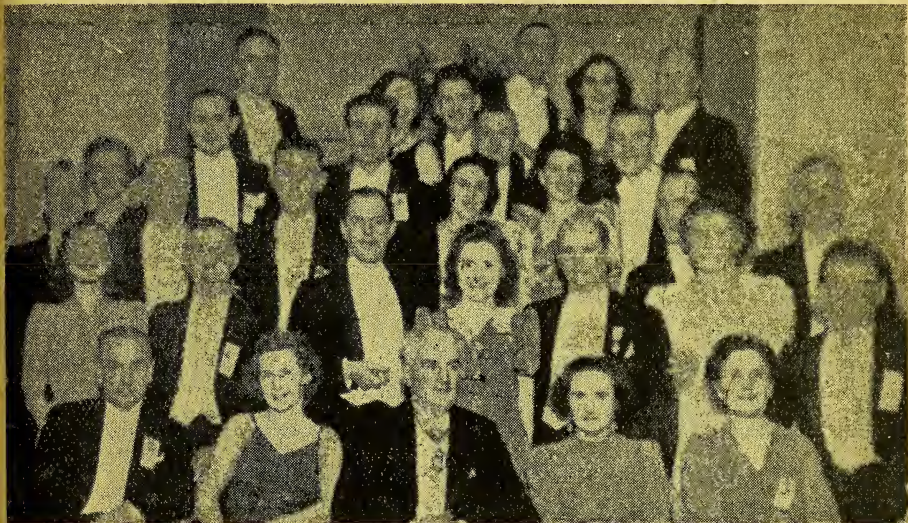
"Quota" Drugs in Scotland

WHOLESALE in Scotland are complaining that representatives of various proprietary medicine firms are seeking to buy up large supplies of "quota" drugs, and offering high prices for spot cash. It is to the credit of wholesalers that these gentlemen are invariably asked to "close the door on the other side." The wholesale chemist knows his regular customers and has throughout supplied them to the best of his ability and will not supply others even when a "bait" is offered. This attitude is right. It conserves these drugs for purely pharmaceutical needs and curtails supplies of proprietaries to bazaars, etc.

EIRE BENEVOLENT FUND DANCE

THE annual dance in aid of the Pharmaceutical Society of Ireland Benevolent Fund, held in Dublin on December 7, was again an outstanding success. Over 500 patrons, representative of all sections of the profession, enjoyed a function that lasted from 10 p.m. to the early hours of the following morning. A series of attractive "spot"

The large attendance included the president, Pharmaceutical Society of Ireland (Mr. C. J. Cremen) and Mrs. Cremen; Messrs. F. X. Meagher (president, Irish Drug Association) and party; J. K. Whelehan, Mullingar (vice-president, Pharmaceutical Society of Ireland); P. C. Cahill (treasurer) with Mrs. Cahill and party; and J. J. Kerr (registrar, Pharmaceutical



Members of the Eire Benevolent Fund dance committee, with some of the patrons. Seated in the front row are Messrs. C. J. Cremen (president, Pharmaceutical Society of Ireland) and Mr. Con Collis (chairman of the committee).

prizes were awarded to lucky patrons, while a draw for a Christmas hamper caused a record sale of tickets, the winner being Mrs. Cremen (wife of the president, Pharmaceutical Society of Ireland).

Mr. Malachi Leonard made an admirable Master of Ceremonies for the dance, and Mr. Con Collis, as chairman, headed the capable committee responsible for organising the function, with Mr. David Murphy and Miss K. O'Shea as secretaries and Miss C. O'Reilly as treasurer.

Organising Committee

Other members who served on the committee were the Misses M. Heraty, J. Collins, Quinn and O'Gorman; and Messrs. T. J. Gleeson, M. Nicell, J. Smyth, P. C. Cahill, C. J. Cremen, P. McAuliffe, G. C. O'Neill, F. J. Roche, P. G. Redmond, M. Ryan, D. Woulfe, P. Crowley, T. B. O'Sullivan and P. S. Lalor.

Society of Ireland); Sir Thomas and Lady Robinson and party; Mr. and Mrs. S. McAuley and party; Mr. and Mrs. M. Costelloe; Mr. John Gleeson and party; Mr. and Mrs. A. Collins; Messrs. Percy Harwood and W. Rowland Such; Mr. and Mrs. Walsh; Mr. Sylvester and Mrs. O'Farrell and party; Mr. and Mrs. J. Perry; Mr. and Mrs. M. Brown and party; Mr. and Mrs. D. Thornton; Mr. T. Holmes; Mr. W. Keys; Mr. and Mrs. M. Brown and party; Mr. and Mrs. D. Thornton; Mr. and Mrs. Morgan; Mr. and Mrs. J. Fitzgerald; Mr. and Mrs. H. G. Smith and party; Mr. and Mrs. D. Bourke; Mr. and Mrs. J. Moran; Mr. and Mrs. Tooher; Mr. and Mrs. J. Perry; Messrs. Brendan Smith, J. J. Tierney, D. Glavey and B. McCluskey; Lieutenant Ryan; Messrs. M. Hanna, A. Dignan, E. Brown, J. Cullen, J. O'Reilly, H. Finn, W. Hanley, J. Kennedy, P. J. Leahy, A. Quinlan, A. Coleman, P. Keogh, T. Larkin, W. Prenderville, D. J. Nugent; Misses P. Morris, B. Quinn, B. Jordan, M. Gibney, C. Gaffney, M. Forde, K. O'Shea, etc.

NEW TOILET PREPARATIONS ORDER

THE Board of Trade announces that the Toilet Preparations (No. 4) Order, 1943 (S. R. & O., 1943, No. 1683), which amends the Toilet Preparations (No. 3) Order, 1943, and comes into force on January 1, 1944, is now on sale.

1. Under the provisions of the new Order, the prohibition, due to come into force on March 1, 1944, on the supply of brilliantine and other hair preparations containing petroleum products, is removed. Registered manufacturers are now permitted to make and supply these preparations under licence in the same way as other controlled goods, and without restriction to the Merchant Navy Supply Association, Ltd.; unregistered manufacturers who are entitled to supply controlled goods of their own manufacture to a value not exceeding £41 13s. 4d. per month may include hair preparations in these supplies. Traders are reminded that, after December 31, 1943, no person may supply controlled goods comprising more than one part in 200 (calculated by weight) of acetone or any other of the prohibited solvents specified in the first schedule of the No. 3 Order. (Persons using such preparations in the course of their business, e.g., in a beauty parlour, are considered to supply, even if no separate charge is made).

2. (a) Except under licence, unregistered manufacturers may only supply toilet preparations of their own manufacture by retail sale on the premises where the goods are made; or by using the preparations in the course of their business (e.g., hairdressers in their saloons). The value of goods so used must be counted against the permitted total of £41 13s. 4d. per month, and is to be computed by reference to the open market value of the total quantity used in each month.

(b) Wholesalers may not: (i) Buy toilet preparations if, at the date of purchase, the manufacturer's name is not on the register, unless the manufacturer holds a licence to sell otherwise than by retail, and quotes the number of his licence in a signed endorsement on the invoice in the form set out in the order; or (ii) supply toilet preparations except under licence if, at the date of supply, the manufacturer's name is not on the register.

(c) Retailers may not buy toilet preparations if, at the date of purchase, the manufacturer's name is not on the register, unless the seller holds a licence to sell and quotes the licence number on his invoice as above.

The Toilet Preparations Register has been revised and will be on sale on January 1, 1944.

3. The declarations which must be obtained, by persons supplying material for toilet preparations, from customers who are not registered manufacturers, must be received before any supplies are made, but only one declaration need be obtained from each purchaser.

4. Toilet preparations commonly described as curative or alleviating are controlled.

5. Calamine lotion N.W.F. is no longer controlled.

6. RETURNS: Paragraphs (2) and (3) of Article 11 of the Order require persons whose names were, on August 31, 1943, included in Part I of the Toilet Preparations Register to furnish a return on Form TP/4, relating to controlled goods of their own manufacture supplied by them during the periods June 1, 1939, to May 31, 1940, and January 1 to August 31, 1943; and requiring persons whose names are from time to time included in Part I of that register to furnish periodical returns on Form TP/5 relating to controlled goods of their own manufacture supplied by them from September 1 to December 31, 1943, and thereafter during each subsequent period of six months. The returns should be sent to the Chief Accountant, Board of Trade, North Gate, Prince Albert Road, London, N.W.8, on Form TP/4, and the first return on Form TP/5 must be sent before February 29, 1944. Subsequent returns on Form TP/5 must be sent during the month after the end of the period to which they relate. A copy of the appropriate Form will be sent to each registered person concerned, but any such person who has not received a copy of Form TP/5 for submission of the first return thereon by January 31, 1944, should, immediately after those dates, apply for one to the Chief Accountant at the address given above. Copies of Form TP/5 for subsequent returns will be sent immediately before the end of the period to which they relate, and any person concerned who has not then received a copy should make similar application for one. The returns on Form TP/5, which also ask for information as to employment, replace the quarterly returns previously required by Article 11 (2) of the Toilet Preparations (No. 3) Order, 1943.

COMING EVENTS

Sunday, January 2

MANCHESTER PHARMACEUTICAL ASSOCIATION.—
Ramble round Marple. Meet London Road station at 9.30 a.m. Book Marple return.

Wednesday, January 5

BIRMINGHAM BRANCH, NATIONAL PHARMACEUTICAL UNION, Grand Hotel, Birmingham, on January 5, at 3 p.m. Mr. H. H. Marshall on "The N.P.U.: Its Work Today and its Plan for Tomorrow."

Thursday, January 6

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Manson House, 26 Portland Place, London, W.1, at 6.30 p.m. Annual dance. Morning dress. Tickets 7s. 6d.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., 17 Argyle Street, Bath, Somerset.

MARKET REVIEW FOR 1943

THE past week's trading in the London drug and chemical markets brings to a close a period of activity much reduced when compared with pre-war standards but, nevertheless, reasonably satisfactory in view of prevailing conditions. A certain steadiness, less apparent in the previous war years, has characterised business during the past twelve months, and while supplies have not been plentiful, most users have been able to obtain a fair proportion of their requirements. There still remains a tendency for consumers of crude drugs to put through inquiries for items that have long since disappeared from the markets, but which have apparently only just been missed by some users, and dealers have spent a considerable amount of time and energy in replying to such requests, without any tangible return for their efforts. A feature of the year's trading has been the activities of semi-official buying and distributing groups, such as the Botanical Drug Importers' and Essential Oil Importers' Sections of the London Chamber of Commerce, which have done much valuable work in ensuring fair and equitable distribution under war-time conditions. With regard to prices, a comparison with the rates ruling towards the end of 1942 shows that the tendency to advance, while still apparent, was much less pronounced during the period under review. Quite a number of prices are little different from those ruling twelve months ago, and in a few instances slightly lower rates are now recorded.

Stable Conditions in Chemicals

In a review of the markets during 1942 (*C. & D.*, January 9, 1943, p. 44) it was stated with regard to pharmaceutical chemicals that "the remarkable stability of prices . . . reflects great credit on the industry as a whole," and it is satisfactory to note that these conditions have again obtained during 1943. Some price changes have occurred, of course, from time to time, but the number of products involved has been a small percentage of the total goods handled by this section of the trade. One general change occurred in the price schedule for bismuth salts when, early in January, an all-round advance was announced, the first since 1940, on account of rising costs of production. A further small advance, affecting only bismuth subgallate, was notified later in the year. A new schedule of increased prices for caffeine was published in March, and a small

advance in makers' prices for calcium gluconate followed some months later. The basic price of chemically-pure glycerin was advanced by 5s. per cwt. early in January, the same alteration as in the preceding year. On account of the increased costs of raw material gallic acid, tannic acid and pyrogalllic acid became dearer during August. An advance of fourpence per lb. was notified in June for iodoform, but other iodine preparations were unaffected. A new schedule was issued early in the year for mandelic acid salts. Basic prices for opium derivatives were substantially increased in June. Potassium nitrate showed an advance during the period under review, the price being increased in April by 10s. per cwt. Home-trade prices for santalin were twice revised, in April and July, both changes increasing the cost to the user. Higher rates for strychnine salts were notified by makers during January. Among the prices that have been reduced during the year are the following: Bromides (February); cream of tartar and tartaric acid (both reduced in April and August); and vanillin, which moved down by 1s. 6d. per lb. in November, owing to the lower tendency of clove oil. A few minor adjustments were made during the year in the home-sales prices of a number of items, principally on account of increased packing charges, but in no instance was the basic price changed. A list of revised prices for pharmaceutical chemicals imported into this country under the terms of the Lease-Lend agreement was published in November (*C. & D.*, November 20, p. 528). A noticeable decline has occurred in the number of control orders issued during the year affecting pharmaceutical chemicals. The control of quinine was considerably tightened up by the issue of the Control of Cinchona and Cinchona Products and Synthetic Substances (No. 2) Order (S. R. & O., 1942, No. 2668). Maximum prices of certain brands of zinc oxide were increased under the Control of Non-ferrous Metals (No. 12) (Copper, Lead and Zinc) Order, 1943 (S. R. & O., 1943, No. 862), on account of higher costs of production and delivery.

Steady Business in Crude Drugs

A glance at the weekly reports in this section of the markets makes it clear that business, while on a substantially decreased scale as compared with pre-war years, has at least remained reasonably steady from week to week. Dealers in crude drugs have been constantly faced with the problem of

meeting demands from stocks very greatly reduced as a result of war conditions, and in many instances have been obliged to confine sales to approved and regular customers only. During the year the Directorate of Medical Supplies has recommended the issue of import licences for a considerable number of crude drugs, including podophyllum root, senna pods and leaves, Mexican scammony root, ergot, male fern root, ephedra, araroba, Curaçao aloes and calabar beans. Importation of these products has been arranged through regular importers by the Botanical Drug Importers' Section of the London Chamber of Commerce, acting on behalf of the Directorate of Medical Supplies. The usual three-monthly official requests for particulars of stocks and production of certain drugs have been regularly completed by dealers and other holders of supplies. During February the Ministry of Supply announced the distribution to consumers, for pharmaceutical purposes only, of a considerable quantity of drugs of Russian origin, making a welcome addition to other available supplies. Some 200 tons of liquorice root, ten tons of buckthorn bark and a similar quantity of henbane were available for distribution by importing merchants at prices fixed by the Ministry. Some few weeks later the Ministry announced the first of two distributions, again for pharmaceutical purposes, of approximately 65,000 lb. of dry powdered cascara sagrada extract imported under Lease-Lend arrangements; a further supply, released in October, amounted to approximately 8,600 lb. The extract conformed to the amended B.P. standard and was sold at a fixed price. A scheme for the distribution of ipecacuanha was announced in June under the terms of which all supplies of the drug would be imported by four named firms who would sell, direct or through brokers, to distributors who qualified under the scheme. These distributors would in turn sell to domestic manufacturers under certain specified conditions, but at the end of the year very little ipecacuanha appeared to be available, although request was considerable.

Control of Natural Menthol

The most important general order issued during the year affecting crude drugs was that concerned with the control of natural menthol. By means of this Order—the Natural Menthol (Maximum Prices) Order, 1943 (S. R. & O., 1943, No. 1285)—the Board of Trade, at the request of the Ministry of Supply, and in consultation

with the Central Price Regulation Committee, fixed maximum prices to be charged by importers, brokers and wholesalers for natural menthol. Prices of natural menthol had shown a steady increase since the beginning of the war, reaching, in January 1943, to the figure of 75s. per lb. A rather steep advance, possibly as a result of speculation, occurred during 1943, and by September, when the Order was issued, 115s. per lb. was being asked for spot supplies, against 11s. 6d. per lb. in September 1939. While most of the regular merchants handling menthol were of the opinion that some control over the price was necessary in the public interest, it was suggested that the Order should have been issued rather earlier before the price commenced its final steep rise. Spot market prices of both Chinese and Japanese natural menthol at six-monthly intervals are given in the following table:—

Price at	Per lb. (spot)	
	CHINESE	JAPANESE
	s. d.	s. d.
September 1939 ..	11 6	12 6
January 1940 ..	16 0	20 0
July 1940 ..	16 0	20 0
January 1941 ..	21 0	22 6
July 1941 ..	38 0	40 0
January 1942 ..	70 0	72 6
July 1942 ..	72 6	75 0
January 1943 ..	75 0	77 6
July 1943 ..	95 0	—
September 1943 ..	115 0	—

Prices of Crude Drugs

The upward swing in the prices of crude drugs, which has characterised previous war years, was considerably less prominent during 1943. An examination of the current rates with those ruling at the end of 1942 shows that while some items are higher, the increases are without particular significance; a few crude drugs have changed little and others are actually lower. Some comparative spot prices are given overleaf.

General business in crude drugs continued throughout the year on a quiet steady note, most of the orders being of a routine character emanating from regular home trade consumers. The quantities involved were usually quite modest, as the tight supply position precluded any business on a large scale. Export trade was little in evidence. Some useful additions to supplies were provided during the year by the good

yields from English herb crops, especially of such items as belladonna, hyoscyamus and digitalis, and to a lesser extent, of aconite, chamomile, dill and valerian. A few perfume-bearing plants were also grown. With the addition of the considerable range of wild medicinal plants collected

Article	December 1942	December 1943
	<i>Per lb.</i>	<i>Per lb.</i>
Balsam tolu ..	9s. 9d.	15s. 6d.
Cloves ..	1s. 6d.	1s. 5d.
Ergot ..	5s.	5s. 9d.
Pimento ..	2s. 7d.	1s. 9d.
	<i>Per cwt.</i>	<i>Per cwt.</i>
Belladonna root ..	470s.	450s.
Benzoin ..	£17 to £25	£25
Chillies ..	125s.	120s.
Digitalis leaves (Portuguese) ..	125s.	135s.
Galangal root ..	95s.	105s.
Gum acacia ..	97s. 6d.	85s.
Myrrh ..	£18	£20
Nuxvomica ..	42s. 6d.	42s. 6d.
Quillaia bark ..	115s.	95s.
SEEDS:		
Coriander ..	140s.	80s.
Fennel ..	110s.	87s. 6d.
Fenugreek ..	130s.	80s.
Squill (Indian) ..	75s.	72s. 6d.
Stramonium leaves ..	105s.	95s.
Turmeric ..	62s. 6d.	50s.

under the auspices of the Directorate of Medical Supplies, this home source of crude drugs possibly prevented what might have become a serious shortage of essential medicinal raw materials.

Important Developments in Essential Oils

The essential oils trade in 1943 underwent one of the most important developments in its long history by the introduction of a comprehensive war-time scheme of control (C. & D., May 29, 1943, p. 557) operated under joint official and trade auspices. The scheme is divided into two main sections covering both importation and distribution of essential oils from United States, Empire and foreign sources. Essential oils distributed under the scheme are divided amongst users in different trades normally using these materials, according to proportions determined by the Ministry of Food. Reception of the scheme throughout the trade was good, it being generally recognised that a reasonable attitude had been adopted by official quarters to the intricate problems involved. Publication of a list of prices for controlled essential oils soon followed the introduction of the scheme, and it was noted that the figures quoted bore little resemblance to those currently

required for supplies of "free" oils. For a time, therefore, it was possible to purchase certain essential oils at widely different rates, but latterly, owing to diminishing supplies and complete lack of replenishments, the "free" market lost much of its importance. A good deal of the credit for the success of the essential oils scheme is due to the work of the Advisory Committee appointed by the various trade interests concerned, including representatives of importers, distributors and the principal using-industries. Little change has occurred during the year among the synthetics and isolates, many of which have been in extremely meagre supply. Oils and fats have remained under the control of the Ministry of Food, and price changes have been announced from time to time throughout the year.

EXPORT CONTROL

THE Board of Trade announces that it has issued the Export of Goods (Control) (No. 10) Order, 1943 (S. R. & O., 1943, No. 1717), the chief effect of which is to consolidate previous export control orders. The new Order comes into force on January 15, 1944. Under the Order, the former general headings in respect of chemical plant are superseded by specified items. The clause under which samples of any goods exported as sample packets may be exported without licence has been modified to exclude seeds and to restrict the arrangement to trade samples of no saleable value. The Order also adds Corsica to the list of countries and territories to which the export of all goods is controlled. The existing licensing requirements in respect of chemical plant have been withdrawn, but the Order extends control to cover autoclaves, centrifugals and hydro-extractors, digesters and emulsifiers, and in addition the items relating to certain goods have been modified. The item relating to oils, fats and greases has been replaced as follows: "Oils, including sulphated (sulphonated) oils, fats and greases, not specified elsewhere in this Schedule, and mixtures (other than medicinal preparations) wholly or mainly of such oils, fats or greases." The note relating to export control on amino and other basic organic compounds has been deleted, but the Schedule has been amended to specify the salts of such compounds; in the case of certain chemical preparations which previously appeared in the Schedule under both the B.P. name and a brand name, the latter has been deleted. Copies of the Order are now available.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2

December 29, 1943

DURING the few days the markets have been open since our last report, business in most directions has been of little consequence. Quoted prices continue generally unchanged with the tone throughout keeping firm. There is little alteration in the PHARMACEUTICAL CHEMICALS section and business in some products continues to be restricted. Markets for CRUDE DRUGS have kept fairly steady with turnover small in amount. Business in ESSENTIAL OILS has again been restricted in volume.

Pharmaceutical Chemicals

COCAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; $\frac{1}{2}$ oz. and less than 1 oz., 44s. 2d.; $\frac{1}{4}$ oz. and less than $\frac{1}{2}$ oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 46s. 2d.; $\frac{1}{2}$ oz. and less than 1 oz., 47s. 9d.; $\frac{1}{4}$ oz. and less than $\frac{1}{2}$ oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyers' undertaking not to re-sell any quantity below current scale. Export prices vary according to destination.

CREAM OF TARTAR.—British makers quote at 262s. per cwt., less 2½ per cent. discount.

DEXTROSE, B.P.—Current prices per lb., for quantities of 28 lb.—1 cwt. are as follows (containers in brackets): 1s. 2½d. (1-lb.); 1s. 1½d. (2-lb.); 1s. 0¾d. (4-lb.); 11¾d. (7-lb.); 11½d. (14-lb.); 10¾d. (28-lb.).

MAGNESIUM CARBONATE, LIGHT.—Home market prices per lb., in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 1s. 2½d. (1-lb.); 1s. 1d. (4-lb.); 1s. (7-lb.); 11½d. (14-lb.) 11d. (28-lb.).

MORPHINE.—Current prices per oz. for small quantities are as follows: ALKALOID, $\frac{1}{2}$ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s. HYDROCHLORIDE, $\frac{1}{2}$ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

STRYCHNINE SALTS.—Makers' prices are as follows:—

Compound	Under 25 oz.	25 oz. and under 100 oz.	100 oz. and under 500 oz.
Alkaloid, crystalline	s. d. 4 11	s. d. 4 9	s. d. 4 7½
Alkaloid, precipitated	4 11	4 9	4 7½
Acetate	5 2	5 0	4 10½
Arsenate	5 2	5 0	4 10½
Arsenite	5 2	5 0	4 10½
Bisulphate	4 1	3 11	3 9½
Hydrochloride	4 8	4 6	4 4½
Hypophosphite	8 5	8 3	8 1½
Nitrate, crystalline	4 8	4 6	4 4½
Nitrate, powder	4 8	4 6	4 4½
Nitrate, powder, No. 2	3 11	3 9	3 7½
Phosphate	5 11	5 9	5 7½
Sulphate, neutral, cryst.	4 3	4 1	3 11½
Sulphate, neutral, powder	4 3	4 1	3 11½
Sulphate, neutral, powder, No. 2	3 8	3 6	3 4½

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Terms, net thirty days. Wholesale distributors' prices for small quantities would be dearer.

Crude Drugs

AGAR.—It is officially announced that, as from December 28, 1943, agar may not be dealt in except under a licence from the Ministry of Supply (S. R. & O., 1943, No. 1740).

ALOE.—Spot supplies of Cape are exhausted, but a price of 75s. per cwt. is indicated from source.

ARECA NUTS.—Spot supplies may be had at 115s. per cwt.

BALSAMS.—Softish *Tolu* in limited compass on spot, 15s. 6d. per lb.; *Canada*, 10s. 6d.; *Peru*, 8s. 3d.; *Copaiba*, unobtainable.

CHAULMOOGRA.—*Hydnocarpus*, spot, tins in cases, 1s. 7d. per lb.; affloat, 1s. 3d. per lb., c.i.f.

COCHINEAL.—Blacks, for medicinal use, 4s. 6d.

COLOCYNTH.—Spot price of fine white pulp is 3s. 3d. per lb., duty paid.

DIGITALIS.—Portuguese leaves, spot, 135s. per cwt.; English-grown, 2s. 6d. per lb.

ERGOT.—Firm conditions obtain, but prices are unchanged. Sound, spot, 5s. 9d. per lb.; wormy, 5s. 6d.; shipment, 4s. 9d. per lb., c.i.f.

GALANGAL ROOT.—Quoted at 105s. per cwt., in bond Liverpool.

GUM ACACIA.—Kordofan cleaned sorts is quoted on spot at 85s. per lb.; bleached, shipment, 140s., c.i.f.; Talha, cleaned, 50s. per cwt., landed.

KAMALA.—Spot price of material testing 5 per cent. ash is 1s. 9d. per lb.

LIQUORICE ROOT.—Approved buyers may obtain Russian root for pharmaceutical purposes at 75s. per cwt.; cut Russian root, for non-pharmaceutical purposes, 96s. 6d. per cwt.

MENTHOL.—Some small spot lots may be available at 95s. per lb.

PIMENTO.—Sellers on spot ask 1s. 9d. per lb.

PSYLLIUM SEED.—Small spot supplies of Indian seed may be obtained at 1s. 3d. per lb.

QUILLAIA BARK.—Crushed or cut bark, spot, 95s. per cwt.; natural, 75s.; afloat, 65s., c.i.f.

RHUBARB.—Rough-round, spot, 8s. per lb.; flat, high-dried, rough-coat, 8s. 3d. Shensi pickings, 11s.

SARSAPARILLA.—Native red, 4s. 3d. per lb.

SENNA.—Quiet and without price alteration. Alexandrian medium pods are at 3s. 9d. to 4s. per lb.; Tinnevely, manufacturing grade, 6d. to 7½d.; hand-picked, 10d. to 1s. 6d.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevely No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese, spot, 80s. per cwt.; Indian, 72s. 6d.

VALERIAN ROOT.—Indian root, spot, 100s. per cwt., ex store.

Essential and Expressed Oils

ANISE (STAR).—Spot, 80s. to 85s. per lb., if available.

CLOVE.—Genuine B.P. oil is quoted by English distillers at from 11s. 6d. to 12s. per lb., according to quantity.

EUCALYPTUS.—Spot, in drums (70 to 75 per cent.) about 5s. 9d. per lb.; (80 to 85 per cent.) 6s. per lb.

GERANIUM.—North African, 85s. to 95s. per lb., according to quantity.

GINGER.—English distilled oil, about 90s.

GINGERGRASS.—Price of any available spot supplies would be in the region of 22s. 6d. per lb.

LEMONGRASS.—Spot, if available, approximately 13s. 6d. per lb.

NUTMEG.—Oil from West Indian nutmegs may be obtained on spot at about 42s. per lb.

PALM.—Official price of refined deodorised remains at £55 per ton and that of refined hardened deodorised at £58 per ton, both naked ex works.

PALM KERNEL.—Bulk supplies are officially priced as follows: Refined deodorised, £49 per ton; hardened refined deodorised, £53 per ton, both naked ex works.

PATCHOULI.—If available on spot, would be worth about 72s. 6d. per lb.

PETITGRAIN.—In limited compass on spot; price around 25s. per lb.

Oils and Fats.—The Ministry of Food announces that during the five weeks ending February 5, 1944, the price of linseed oil allocated to primary wholesalers and large trade users is increased by £10 to £60 per ton; rapeseed oil is increased by £10 to £70 per ton, both naked ex works.

MISCELLANEOUS INQUIRIES

Powder Used in Mastitis.—S. W.—The information you have given us is insufficient for us to identify the powder with any certainty. If the animal is a lactating cow and the mastitis of streptococcal origin, the powder may be sulphanilamide, but there are a number of proprietary remedies for mastitis and your powder may be one.

Cordial for Calves.—H. S.—The following formula for a peppermint cordial is taken from "Veterinary Counter Practice":—

Cretæ præp.	..	..	3j.
Pulv. catechu	..	..	3ss.
Pulv. zingib.	..	..	3ij.
Pulv. opii	..	..	3ss.
Aq. menthæ pip.	..	..	3xM.

One to three tablespoonfuls twice a day.

Ants in a Bakehouse.—H. W. G.—A difficulty in dealing with ants where food-stuffs are handled is that strong-smelling substances are precluded. You might try borax, either alone or mixed with powdered cloves in the same proportion; the powder is sprinkled where the ants congregate. An alternative method is the use of a trap. A moist sponge previously soaked in weak syrup is placed near the runs. When the trap is crowded it is placed in hot water, the insects destroyed, and the trap re-set.

Propylene Glycol.—C. G.—Information on the use of propylene glycol as a protective spray against influenza is scanty up to the present. Dilutions appear to have been used in America as aerosols and bactericidal sprays. In this country the matter is being investigated by the Medical Research Council, but no reports have yet been issued. There are practically no stocks of propylene glycol in this country, and what small supplies there are held subject to official permits.

Strychnine Incompatibility.—P. O.—The 10 minims of liq. strychn. to the ounce which you have in this mixture brings the strychnine, in the presence of bromides, iodides and alkalis, within the danger zone. We therefore think it would be correct to regard the mixture as having a dangerous incompatibility. Even with every precaution, you are liable, in the course of time, to get a fine deposit of insoluble strychnine bromide, with the danger of an overdose occurring in the last dose. The B.P.C. states: "When more than 8 minims of liq. strychn. is ordered in one fluid ounce of water with the usual incompatibles, strychnine is liable to be precipitated."

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Stirring an Emulsion

SIR,—I should like to add to your reply to E. G. *re* the direction of stirring (*C. & D.*, December 18, 1943, p. 632). You lend support to the theory that stirring in one direction is necessary in making emulsions. Like many old theories, this one dies hard. Some time ago we thoroughly investigated the matter, making emulsions with one-directional stirring, either clockwise or anti-clockwise. We then made the emulsion, stirring first one way and then the other. We found no difference, either in the rate of emulsification, fineness of emulsion, or permanence, though the resulting emulsions were examined under the microscope and tested in every possible way. The important thing is to get the primary emulsion perfect; then the direction of stirring does not matter.

Yours faithfully,
Grantham. JOHN CHESHIRE.

The Society and the C.P.W.C.

Sir,—I have read Sylwiad's letter (see *C. & D.*, December 4, 1943, p. 582) and Mr. Linstead's reply (December 11, p. 608) concerning the above topic. In my opinion it is time the retail subcommittee of the C.P.W.C. took a firmer hand in the replacement of younger pharmacists for the Forces. Its present method of working is surely wide open to abuse by all parties concerned be they so inclined. At present an employer can be as fussy as in peace-time in his choice of a replacement, knowing that until he cares to fix up with someone he can retain his existing staff. On the other hand, directed applicants for replacement vacancies can ensure staying on where they are, by demanding very high salaries or impossible accommodation. I have heard of one man who in his letter of application wanted to know what sort of house would be provided for his wife and family, and if it had got a garden, also what the local schools were like, as he had three children of school age. Wouldn't it be silly if the man he was going to replace wrote a similar letter to his future commanding officer? The subcommittee is presumably an expert body in full possession of the facts in each case; why then does it not direct, to the best of its ability, the right man into the right place, giving him as an alternative the

option of being dealt with by the Ministry of Labour and National Service in the ordinary way. Time limits could be imposed in each case and minimum salaries fixed. Only when these or similar steps are taken will employers and applicants for replacement vacancies sit up and take notice that the C.P.W.C. really means business.

Yours faithfully,
A GRADE I YOUNGER PHARMACIST.

NEW YEAR GREETING

THE following arrived too late for inclusion in "1944 Greetings" on pp. 6-12.

Association of Scientific Workers

THE Association of Scientific Workers extends hearty New Year Greetings to all engaged in the retail, wholesale and manufacturing spheres of the profession and to those now serving in the Forces. We appreciate the contribution to the national effort which has been made by the pharmaceutical, drug and allied trades, and trust that 1944 will bring victory, with economic and social progress. The problems of war and peace which are now before us demand effective organisation, and it is our hope that the New Year will see a great extension of organisation amongst qualified pharmacists. The Association thanks its many members and friends who have done so much during the past year to establish effective organisation which can protect and advance the interests of pharmacists and their profession. We look forward to the New Year confident that scientific workers in every field will seize the opportunity to raise their professional and economic status. The post-war world will be what we make it—let us prepare now!

D. McClean, M.B., M.R.C.S.,
Chairman, A.Sc.W. Medical Sciences Committee.

"C. & D" Quiz No. 18.—The answers to the questions given on p. 5 are: 1. Pil. hydrarg. subchlor., colocynth. et hyoscy. 2. Potassium quadroxalate. 3. Oil of parsley. 4. Vap. eucalypt. co. 5. Valerian. 6. Hemlock. 7. An instrument used for stripping bark from cinnamon trees. 8. Saponin. 9. Dried seeds of syrian rue, *Peganum Harmala*. 10. Papaveretum, the hydrochlorides of the alkaloids of opium.

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	(Inc. Tax)	(Inc. Tax)
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<u>1 Gall. Tins.</u>	11/8 each	(Inc. Tax)

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REVISION OF ANÆSTHETIC PRICES

Further to our announcement in the December 4th issue, the following prices for our anæsthetics will come into force on January 1, 1944. They are subject to $33\frac{1}{3}$ per cent. discount to chemists.

CHLOROFORM PURE	CHLOROFORM BLUE LABEL	ANÆSTHETIC ETHER
1-lb. bottles .. 7/6	1-lb. bottles .. 5/-	1-lb. bottles .. 4/9
$\frac{1}{2}$ -lb. " .. 3/10	$\frac{1}{2}$ -lb. " .. 2/8	$\frac{1}{2}$ -lb. " .. 2/6
$\frac{1}{4}$ -lb. " .. 2/-	$\frac{1}{4}$ -lb. " .. 1/6	$\frac{1}{4}$ -lb. " .. 1/6

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The prices shown above are subject to a discount of 10 per cent. when sold to the Medical, Dental or Veterinary Profession.

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80/85% B.P.	70/75% B.P.
Oil Euc. Dives 40/45%	Piperitone 90/95%
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'ASPRO' BONUS

TEMPORARY WARTIME CHANGE IN TERMS AND PROCEDURE.

The distribution of 'ASPRO' in Bonus Parcels has proved beneficial and acceptable to chemists. Unfortunately, owing to restricted supplies of raw materials and the heavy requirements of the Services, particularly those overseas, we are temporarily unable to supply in full the very great and rapidly increasing public demand. It is apparent that adherence to the existing minimum bonus parcels of 6 doz. 5's and 3 doz. 27's is hindering the distribution of the restricted supplies as evenly and widely as is desirable. To overcome this and to avoid chemists suffering loss of Bonus through receiving smaller quantities than their order,

**as from 1st JANUARY, 1944
THE MINIMUM PARCEL
TO RANK FOR BONUS WILL
BE REDUCED AS FOLLOWS:**

5's—3 doz. instead of 6 doz.

(in a new reduced size showbox)

27's—1 doz. instead of 3 doz.

(to be sent loose by wholesaler)

(Paper Control Regulations preclude a show box for 1 doz. 27's)

Bonus is still available on any multiples of the above parcels but not on lesser quantities.

Shortage of man-power and shortage of packing materials prevent us sending the Bonus separately on each purchase of these new Minimum Parcels. Wholesalers will continue to advise us of these sales. We will record them and PERIODICALLY SEND BONUS CLAIM CARDS when the total of the chemist's smaller parcels reaches the existing bonus quantity of 6 doz. 5's or 3 doz. 27's.

**THE BONUS REMAINS THE SAME
AS BEFORE, NAMELY:**

On 6 doz. 5's — 6 x 5's

On 3 doz. 27's— 6 x 27's

THE PRICES ARE UNCHANGED.

BONUS CONDITIONS ARE UNCHANGED, NAMELY, 14 DAYS WINDOW DISPLAY OF 'ASPRO' SHOW MATERIAL FOR EACH BONUS CLAIM.

The change referred to above is intended as a temporary measure to meet the urgent needs of the situation. As soon as practicable, when conditions return to normal, we intend to revert to previous quantities and procedure.

Separate arrangements are made so that Eire and Northern Ireland chemists may benefit from similar concessions. For details see Irish Trade Press.

Made in England by

ASPRO LIMITED, SLOUGH, BUCKS.

'ASPRO'
REG. TRADE MARK

'ASPRO'

FIXED PRICES

5	10	27
TABLETS	TABLETS	TABLETS
(One tape)	(Two tapes)	(In packets)

3¹/₂^D

6¹/₂^D

1¹/₃^D

AN IMPORTANT NOTICE TO RETAILERS

The recognised P.A.T.A. prices of 'ASPRO' approved by the Central Price Regulation Committee, which must not be exceeded under the Price Control Regulations, are shown above. We have already explained to chemists that Government restrictions on packing materials make it impossible for us to continue to supply packets of 10 tablets. We have, therefore, had to standardise the loose tape pack retailing at ONE TAPE 3¹/₂d., TWO TAPES 6¹/₂d. Unfortunately a number of cases have recently come to our notice where, probably owing to inexperienced staff, customers have been charged 7d. for two tapes. We must, therefore, point out that the price at which this pack is sold to the chemist provides HIS FULL PERMITTED RATE OF PROFIT when he sells at two tapes for 6¹/₂d.

7d. FOR TWO TAPES IS AN OVERCHARGE

We emphasise this point to save inconvenience to trade and public.

10% DISCOUNT OFFERED ON A £2 PARCEL OF PINEOLEUM Brand INHALANT

The Inhalant to curb a cold and ease distress.

The above sent Carriage Paid Home—short term offer direct from the agents against *pro forma* invoice.

		Free Tax	Suggested
		Retail Price	Retail Price
			with P. Tax
Pineoleum Brand Nebulizer Outfit. (Plain and with Ephedrine).			
Outfit, complete with inhalant in carton	45/- per dozen	5/-	5/7½
Pineoleum Brand Inhalant. (Plain and with Ephedrine).			
100 c.c. bottle in carton	45/- per dozen	5/-	5/7½
15 c.c. bottle with dropper	13/6 " "	1/6	1/8½
(Packed in ½ doz. Display Boxes)			
Pineoleum Brand Ephedrine Jelly.			
Collapsible tubes with applicator	11/3 " "	1/3	1/5
(Packed in ½ doz. Display Boxes)			



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MALTED
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SWEETENED

RETAIL PRICE 2/- per ½ lb. tin.

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Made from a sound approved formula.

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Prompt and lasting relief is afforded by this volatile vasoconstrictor in head colds, sinusitis, nasal catarrh, hay fever, and asthma. The vapour diffuses throughout the entire nasal cavity, reaching and relieving congestion wherever it exists.

*Price 2/- each
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'BENZEDRINE' TABLETS

Of special service in depressive and asthenic states due to prolonged physical or mental strain. Also indicated in post-encephalitic Parkinsonism, narcolepsy, primary dysmenorrhœa, alcoholism, drug addiction, and travel-sickness.

*In bottles of 50
Price 3/6 including Purchase Tax.*

'CALSIOD' TABLETS

Though finding its widest use in typical cases of mild arthritis, 'Calsiod' is also extremely effective in relieving pain, swelling, and muscle spasm in severe chronic arthritis, lumbago, rheumatism, fibrositis, myalgia, etc.

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The ideal form of iodine for external use. Active, penetrating, yet entirely bland even on mucous surfaces. Indicated in enlarged glands, open or closed wounds, sprains, ano-rectal lesions, parasitic skin affections, and inflammatory conditions generally.

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What's yours?

Overtiredness is pretty general now-a-days. What's your advice when customers ask you to prescribe for it? Every thinking citizen is thankful that our rations are as good as they are. Nevertheless, the public is well aware that the thing that would do them most good is more nourishment—in particular more fats of the right sort. And there's absolutely no reason why they shouldn't have it.

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There is no shortage; supplies are now normal and should remain so throughout the winter. There are no sales restrictions; the more you sell, the better for the nation's health.

We're telling them

SevenSeaS will be publicized to the fullest possible extent.

Throughout the winter season advertisements will remind the public that SevenSeaS is an extremely nourishing supplementary *food*, just as good for adults as for growing children; that it remedies nervous exhaustion by building up depleted strength reserves and that it is readily available. Please remember this. Though supplies are normal, transport is not. It is wise to re-order in good time.

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BRITISH COD LIVER OIL
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There are adequate supplies of VIKELP Mineral-Vitamin tablets in all sizes—available for YOU. Please send your orders for VIKELP to Messrs. J. C. Gambles & Co. Ltd., 211/215 Blackfriars Road, S.E.1, or through your regular wholesaler.

Size	Contents (tablets)	Retail Price including Purchase Tax	Price per dozen
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4	750	19/6	157/6

You can recommend VIKELP with every confidence. It is Genuine; it is Ethical; it is **PATA**

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On its new improved formula the ready-mixed Parmint Syrup needs a dosage for adults of only 1-2 teaspoons.

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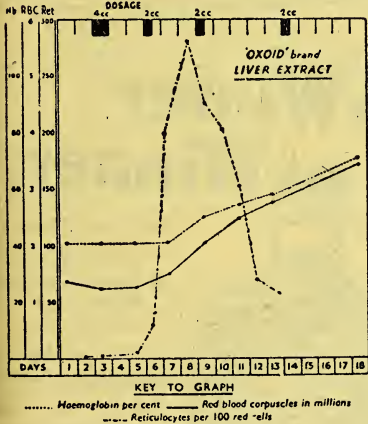
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A highly potent preparation for the treatment of pernicious anemia.

Dosage in emergency cases is 4 c.c. initial dose, followed by 2 c.c. at three days intervals in the first week and 2 c.c. at weekly intervals subsequently. This will usually raise the blood count to normal in a few weeks.

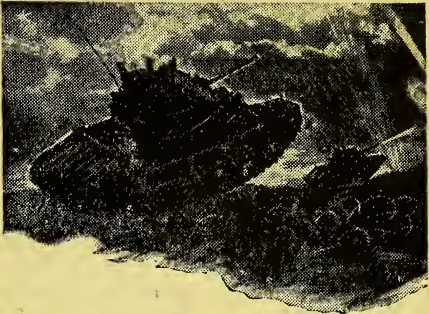
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Supplied in ampoules of 2 c.c. & Bottles of 10 c.c. & 20 c.c.
Ampoules: 6 (6/6); 12 (12/6); 50 (48/-); 100 (92/-)
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OXO LIMITED, Thames House, London. E.C.4

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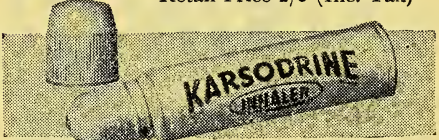
The Battalions of to-day fight behind defensive armour. The armoured car has replaced the cavalry horse and infantry advance under the protection of massed tank formations.

Medical research, too, has provided defensive armour for the medical profession. The prevention of disease by protective measures against the invisible but numberless and ubiquitous foe—the disease germs—is

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Decongestion of the turgid nasal mucosa in acute and chronic rhinitis, hay-fever, and sinusitis is rapidly effected by use of the Karsodrine Inhaler. Maximal shrinkage with corresponding symptomatic relief is obtained within five minutes. The powerful volatile vaso-constrictor in the Inhaler penetrates to the uttermost recesses of the nasal cavity and sinuses, securing optimal drainage and aeration. With only one cap to remove, the Karsodrine Inhaler is pre-eminently simple to use.

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Apart from its assured efficacy the Karsodrine Inhaler is an excellent financial proposition. The Retail Price is 1/6d. (inc. tax) which yields 3/2d. per dozen profit. This applies equally to small quantities if ordered with other “Griffiths Hughes” products.

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Mirrors in Wallets, 12/- and 15/- doz.; Finger Stalls (leather), 4/6 doz.; Hair Nets, 28/- gr.; Hairpins, 12/6 per 1,000; Grips, 9/6 and 11/6 gr.; Slides, 30/- gr.; Dust Combs, 4/6 doz.; 2½" x 1½" Mirrors and Stands, 11/6 doz.; Assorted Picture Calendars, 1944, 30/- gr.; Leather Wrist Straps, 9/- doz.; 2.5v. Flashlamp Bulbs, 14/8 per 100; Torches complete, 28/- doz., Tax incl. Stamp for lines available. **Harringtons (London Office)**, 2 Berridge Green, Edgware, Middlesex. Tel.: EDG. 3610.

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Guaranteed Free from Petroleum Products. No Oil required. Stable White Emulsions with Water only. Prepared from high-grade non-injurious material. Prices 9/6 per lb. Carriage paid. Minimum 7 lb. Special quantity Rates for Distributors.

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The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JANUARY 1
1944

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A LLEN & HANBURYS LTD., Vere Street, London, W.1, require the services of a dispenser. Apply in person or writing to the Manager

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H. J. WORWOOD,
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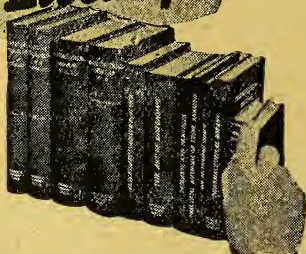
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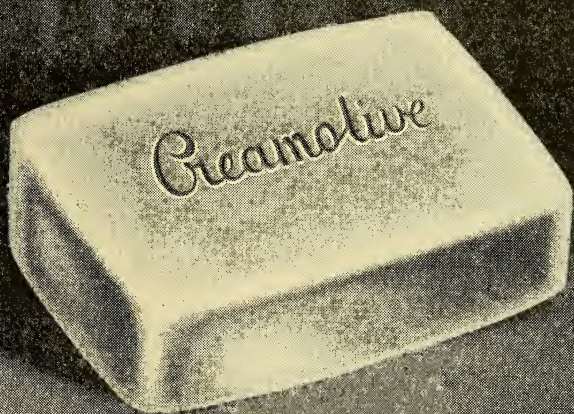
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